

NEXUS

NEW TIMES MAGAZINE

Volume 2, Number 28 OCTOBER - NOVEMBER 1995

International Edition

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NEXUS NEW TIMES

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STATEMENT OF PURPOSE

NEXUS recognises that humanity is undergoing a massive transformation. With this in mind, NEXUS seeks to provide 'hard-to-get' information so as to assist people through these changes. NEXUS is not linked to any religious, philosophical or political ideology or organisation.

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Editorial

Yes, it's editorial time again. Isn't it amazing that although we will never run out of articles for NEXUS, I find myself scratching to come up with yet another editorial that will make you all think I'm witty, charming, intelligent and clever.

I do have some news, though, now that I'm into the flow of writing again.

I recently completed a whirlwind trip to our overseas offices. A week behind the computer at our US office just south of Chicago, a day at our Dutch office (followed by some time exploring Amsterdam), a week behind the computer at our UK office just out of London, and a few days taking in the sacred sites and crop circle gurus of the English countryside (see article on page 29).

I am continually amazed at just how much the public want NEXUS in all those countries and more. We now have an Italian edition being published and are negotiating with people in Spain, France and Germany for editions in their respective languages. On top of that, we will be printing upwards of 25,000 in the UK, starting with the Dec'95-Jan'96 edition. We are already printing 18,000 copies for the USA-Canada market, plus 45,000 copies for the Australia-New Zealand market, and that is still not enough!

What is even more startling is that every time NEXUS gets attacked through the media, our sales go up yet again! Thank you!

This edition is also the issue where I let readers know that NEXUS magazine has a stall at the various alternative expos being held in Brisbane, Sydney, Melbourne and London. This is your opportunity to pick up some back issues, books or videos at special rates, plus renew your subscription for another year.

I also need to apologise to those people who are still waiting for NEXUS OnLine! to reincarnate to its proper status. We had a hard-drive meltdown a few months ago, and this, combined with two or three deadlines, really set us behind schedule—but we are getting there... Meantime, feel free to use it as a BBS. See details on the advert in this edition.

Now, to a few of the articles. First up, I want you all to read the article linking earthquakes to nuclear tests. There is more to this article than the obvious link which everyone suspects. Is it possible that nuclear bomb tests have been deliberately carried out to reduce the number of really big quakes? These 'killer quake' numbers have dropped tremendously since bomb-testing began, though the number of smaller quakes have increased in both frequency and location. The link between bomb tests and changes in the Earth's magnetic field is also discussed.

We are also pleased to publish in this issue, an update on the cluster of mysterious pyramid structures in China.

Meanwhile, everyone using sugar-substitute sweeteners had better read the article beginning on page 25 of this issue. I know that good NEXUS readers don't use them anyway, but you may have friends or relatives who may want to know what they are really consuming. It is not pretty!

Finally, if the article about AM radiowaves causing brain cancer doesn't drive you out of those fluoride-infested cities, then nothing will.

Dare I say it, happy reading!

Duncan

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Letters to the Editor ...

Re: Unleaded Petrol

Dear Duncan: Congratulations on publishing the excellent article, titled "The Lies of Unleaded Petrol" (Part 1) (April-May '95). There are a couple of considerations in the whole argument about leaded/unleaded petrol which have been ignored by the media (or perhaps we should say proscribed by the media bosses).

One is that it takes more oil to produce a given quantity of unleaded petrol than it does for the same amount of leaded petrol. This means that the oil companies have to produce more oil and, reluctantly, make more money.

Leaded vehicles run quite satisfactorily (and more efficiently) on "Gasohol"—a blend of unleaded petrol and ethanol. Two years ago I wrote to the Democrats in Parliament House on the virtues of gasohol and received a reply from Sen. Coulter who said, in effect, that he already knew all about gasohol and the Democrats would be pushing for its introduction. However, nothing seems to have happened in this regard. Could it be that the oil companies are blocking its introduction so that they can maximise oil production? (Had the Democrats pushed the issue hard and loud it may have slowed the migration of their voters to the Greens.)

A second consideration concerns the carcinogenic qualities of additives to unleaded fuel and the article discusses this in detail. However, an aspect rarely brought out is that the drug companies are arms of the petrochemical transnationals. Logically, it is good business to produce products which make people sick because their drug companies will later make a fortune selling courses of expensive (and futile) drugs. Is it unreasonable to believe that the petrochemical cartels have done cost-benefit analyses along these lines?

Regards, Ron H., Tweed Heads, NSW, Australia.

Re: Gulf War Syndrome

Dear Editor: A number of sources have reported that vaccines and immunisations received by US soldiers are the chief suspected culprits for the Gulf War Syndrome.

The concept of a vaccine is to stimulate a person's immune system to become stronger by subjecting it to a weak assault. In an environment which has deteriorated to a state where immune systems are working overtime to maintain health, the vaccination approach may no longer be a good idea. Since sources of stress

accumulate, a certain vaccination may be the straw that breaks the camel's back, resulting in an immune-system deficiency instead of a stronger immune system.

In the case of the Gulf War veterans, vaccinations may only be a component of the problem because veterans not subjected to experimental US vaccines are also experiencing the GWS, according to an editor's note following "Gulf War Guinea Pigs" (NEXUS, April-May '95).

A possible contributor to the GWS may be friendly fire from an electronic battlefield which so zapped the Iraqi troops that they showed no fighting ability at all. In addition, *Defense News* (April 13-19, 1992) reported that an EMP weapon designed to mimic the flash of electricity from a nuclear explosion was used in the Gulf War.

Another indication of an adverse energy environment, reported by *USA Today* (May 26, 1994), indicated that 14,000 detectors designed to sense hostile chemicals and biological substances sounded up to three times a day during the war, while secondary verification procedures were unable to confirm the presence of such agents. Since the GWS has AIDS-like characteristics, it might be recalled that a declining immune system which first affected significant numbers of people was associated with surviving the immediate effects of radiation from an atomic blast.

Besides avoiding subjecting people to adverse environments, it may be desirable to consider techniques other than vaccines to strengthen the immune system—like the example mentioned in "Paramagnetic ELF Forces" (*Acres, USA*, April 1995). Apparently a Jewish high priest during the time of Christ would wear a long ribbon of cloth (wool-linen or burlap), called a Shatnez, soaked in sea water, so that he could safely examine lepers. The Shatnez prevented the disease from being kindled in the high priest by altering the flow of energy.

Sincerely, Paul S., Kansas City, MO, USA.

Re: Spiritual Service

Dear Duncan: Recently I read in a book that only 20 per cent of what Jesus said in the Bible he actually said. One of the things he did not say is "I am the Truth, the Way and the Life. The only way to the Father is through Me".

If this research is true and accurate, I don't think it will circulate far in

the Christian community. Is it not interesting that people believe the truth only if it doesn't interfere with what they want to believe?

Instead of worshipping and praying endlessly, I have a spiritual method where I project with my mind and soul the best love, intelligence and creativity I have to all life in the Universe to contribute to the Universe instead of being parasitic on it the way mankind has been till now.

How many other people do this? I would like to know. I believe this method of spiritual service will be the coming thing in the new age.

Yours sincerely, Gordon R., Christchurch, New Zealand.

(Dear Gordon: I don't believe mankind is parasitic, any more than a child sucking on its mother's breast is. Mankind is young, growing and learning. Your contribution to the Universe, though, is the reason I chose your letter to publish. Thank you, and keep it up! Ed.)

Re: Vaccination Dangers

Dear Duncan: I would really like to congratulate you and your team on a great magazine. My husband and I are recent converts and look forward to each issue with avid interest.

I have been particularly interested in the various articles you have printed on the vaccination issue. This subject is close to my heart because my young son is now disabled and suffers chronic ill-health due to vaccination. His reactions were immediate and severe, and have left me a very frustrated, disillusioned and angry mother. I grieve for the normal, healthy toddler I once had, whilst still loving the beautiful rare flower that is now my little boy.

I cannot stress strongly enough that parents of today need to make informed decisions when it comes to the question of immunisation. There is a wealth of reading material giving the other side of the argument which is never presented to the public by health officials and governments.

There are many children who are similarly affected like my son. Because reporting of adverse reactions is not compulsory, and because of the fact that many doctors do not recognise true contraindications when they occur, the government does not have a true picture statistically of just how dangerous and far-reaching the effects of vaccines are.

If parents choose to vaccinate, ask about side-effects, tell doctors of any allergies to drugs, and any history of eczema, asthma, epilepsy or convulsions in the family. It may just save

your child's life.

If you feel vaccination is not for your children, don't be bulldozed or intimidated by health providers. Remember, they are being paid a \$6 incentive for each child they recruit. Perhaps the well-being of our children will be set aside because of this monetary exercise.

There is also another aspect to all this. According to Federal Health Department publications, not all practitioners store vaccines correctly, and quite often the "cold chain" is not maintained. Also, many doctors inject into the wrong site, do not diagnose contraindications or misdiagnose those symptoms which are not "true contraindications. This does not exactly engender confidence in an already faltering health service.

So I say to all responsible parents, read all you can, soak up information like a sponge, then make this all-important decision. Your children's health, development and well-being will rely on this.

Yours faithfully, Kim S., Warburton, Victoria, Australia.

Re: Relativity Values

Dear Sir: I am writing with regard to an article in the June-July 1995 edition, titled "The Adams Superpower Multi-polar Magnet".

In this article, Robert Adams takes shots at Einstein's theories of relativity which, dare I say, seems ridiculous. Were Robert Adams to take the time he would find that the science of Geometro-dynamics (the behavioural study of space-time), which is built solely on the theory of general relativity, is 100 per cent in support of his own views.

I am a great fan of both Robert Adams and Albert Einstein—whom I think would have enjoyed witnessing Robert Adams' work.

Sincerely, Riki M., Wellington, New Zealand.

Re: Cruelty to Animals

The Australian Association for Humane Research is joining other groups throughout the world to protest against Gillette's refusal to stop using animals in outdated and cruel animal tests. In fact, Gillette's animal use is on the rise: the number of animals tortured and killed has more than doubled since 1987.

With our new balcony banner, "Gillette Tortures Animals", we hope to draw people's attention to the company's intransigence and thus put further pressure on them to abandon the practice.

... more Letters to the Editor

NB: Please keep letters to approx. 100-150 words in length. — Ed.

The huge Washington-based group, People for the Ethical Treatment of Animals, has collected incontrovertible proof of Gillette's use of secret contractors to test their products on animals. Contrary to Gillette's claims, there is no legal requirement by the American Consumer Product Safety Commission that "requires any firm to perform animal tests".

Gillette's hypocritical claims that they do not test products on animals must be exposed.

— Press release from Australian Association for Humane Research, Inc. For further information, contact (02) 360 1144.

Re: Success in HIV Reversal

Dear Duncan: As you will be aware by the news release issued from our office, clinical trials conducted at Bastyr University, Seattle, Washington, USA, have proved positive in reversing HIV using the "LISTEN" System.

Dr Barbara Brewitt, Ph.D., the researcher responsible, has been invited to Australia to present her paper to the Electromedical Conference '95.

Assuming that this apparent breakthrough would be of considerable interest to the people involved in the HIV/AIDS scene, we contacted three separate organisations and were amazed at the lack of interest!

Our quest was to find an organisation within Australia that would be capable of undertaking a 'validation' program to duplicate and possibly expand on Dr Brewitt's work.

We offered to make a System available and train suitably qualified practitioners on its use. Further, we sought their assistance in advising us who or which organisations may wish to hear Dr Brewitt's presentation.

Alas, stony silence! Not one has had the courtesy to acknowledge the offer or the invitation.

One can only wonder how the people living with HIV would react to the neglect of their interests by these so-called representative bodies, by ignoring the opportunity to explore the validity of a potentially safe, non-invasive and drug-free solution to their illness. I would be grateful if any of your readers who may be living with HIV could tell us where we have erred in our approach to this matter.

Yours sincerely,

Max Hamilton, Director, Health Through Technology Pty Ltd, Level 67, MLC Centre, Martin Place,

Sydney, NSW 2000, Australia, phone +61 (02) 238 6153, fax (02) 238 7633.

(Dear Max: Thank you for your letter. I'm not surprised that the AIDS organisations you contacted did not want to know of your success with treating HIV. A few years ago NEXUS organised the Australian lecture tour of Ed McCabe, well-known investigative journalist in the field of oxygen therapies. We invited all the media and the AIDS councils in Australia to come and view the medical documentation showing several people who had gone from HIV-positive to HIV-negative as a primary result of oxygen therapies. They were clearly not interested, and in most cases were incredibly hostile that we even wasted their time! I wonder what the HIV-positive people would have to say about that! Good luck in your research. Ed.)

Re: Fluoride's Hidden Agenda

Dear Duncan: I read with great interest the recent article in NEXUS (vol. 2#27) on Fluoride with respect to the "crowd control" agenda.

As a homoeopath I'd like to draw attention to the emergence of other post-war syndromes and their correspondence to various rubrics in the *Materia Medica*, as under "Fluoricum Acidum":

"Increasing Divorce Rate: 'aversion to parents, friends, members of family, wife'; 'delusion: betrothal must be broken/children must be driven out of home/marriage must dissolve'; 'desire for solitude'; 'indifference to: business affairs/important things/loved ones/relations'."

"Hyperactivity and Attention Deficit Syndrome: 'capricious'; 'difficult concentration'; 'confusion of mind'; 'excitable, exhilarated'; 'forgetful'; 'weakness of memory for: business/ dates/what was about to do/for what has just done/for proper names/for what has just thought'; 'mistakes in speaking, writing, spelling'; 'thoughts intrude and crowd in on each other'; 'thoughts rush and flow in'."

I think the agenda is broader than mere crowd control!

Sincerely, Patricia H., Kenmore Hills, Qld, Australia.

Re: Mobile Phone Radiation

Dear Duncan: It unfortunately seems that the future will bring with it a rash of mobile phone-induced brain tumours, the likes of which will make cigarette-smoking deaths look like a hobby. And when that happens, where will all the vested-interest people—who assured us the

phones were perfectly safe—be hiding then? They'll keep on denying any links to tumours until the evidence becomes unavoidably overwhelming. But by that time the number of dead people will also be overwhelming.

But what's so laughably stupid is that those money-hungry vested interests have to live on this planet too. Their actions would only make sense if their greedy ways were directed at a civilisation far enough removed for them never to be in personal danger of cellular radiation themselves. Remind you of the French?

While the phone wars continue and we take to these electronic phallic symbols like bees to honey, there are two ways you can reduce your personal risk while using a mobile. Either purchase a transportable phone which will keep the antenna several feet away from your head, or purchase an earphone kit for your handheld. This clever idea is available for selected mobiles and it allows you to plug a corded earphone/microphone into your mobile, allowing you to talk with the phone in your hand or pocket or belt.

Beware digital phones. Their power is much greater than analogue (2 watts versus 0.6 watts), although they only develop full power in bursts during speech mode.

In the last year, a Brisbane newspaper carried a one-paragraph story claiming that a Brisbane university was developing a shielded cellular antenna "for fear it can create brain cancer". Nothing has been heard since. Makes you wonder what we're not being told.

Most instruction manuals for mobiles carry a warning not to operate them within several feet of other people. But what about the poor operator? Doesn't he count? And anyway, if there's no radiation problem, why the warning? And isn't this warning an admission of guilt?

The future looks bleak!

Max L., Currumbin Waters, Queensland, Australia.

Re: Seismic Sensitivity

Dear Duncan: For some time, scientists have known that many forms of life, including some animals, birds, fish and insects, sense the electromagnetic field of the Earth, some even using this electromagnetic information to navigate.

Prior to large earthquakes, and for several days following a nuclear test, the Earth's electromagnetic field is known to become disturbed in the Extremely Low Frequency part of

the spectrum. Animals and birds sensitive to changes in the Earth's electromagnetic field are known to appear disturbed or have difficulty navigating, often becoming lost prior to major seismic activity.

I believe many people are seismically sensitive also, experiencing a range of symptoms prior to major seismic activity and for a few days following a nuclear test anywhere in the world, e.g., wandering or unusual pains, flu-like symptoms, nausea and an increased sensitivity to light or noise, to name a few. I am one such person and am presently researching this phenomenon. If any of your readers are sensitive to seismic activity or have any information regarding seismic sensitivity in man, bird or beast, I would appreciate hearing from you.

Yours sincerely,

N. G., Seismic Research, PO Box 1058, Horsham, Vic. 3402, Australia.

Re: Grey Men and the NWO

Dear Sir: Hello to you and your lady. I've been a reader of NEXUS since 1989 and have been more than impressed with your information.

My interest is of the "Grey Men", and this "One World Order"—anything along those lines. I'm thankful you provide many answers for me. The powers-that-be do a good job of keeping the normal person in the street blinded. Having worked in witness protection in Australia, I have some idea about secrets.

Anyway, in your mag, Autumn 1987, issue no. 1, there was an article headed "The Gemstone File". Do you know where I can purchase that file or book? The pieces of the puzzle are coming together. Have you read *The Lost Waltz of the Tyrants* by Judy Pope Koteen? Bob Woodward's *Veil: The Secret Wars of the CIA, 1981-1987*? Do you know who the Grey Men are?

Keep up the great work. My spirit is strong and I have faith. May you grow in wisdom.

Mike P., Whitianga, New Zealand.

(Dear Mike: So many questions! You can purchase The Gemstone File through AUP (see page 10). It's a great book. Australian and NZ readers might like to see a few of their favourite politicians' names linked to the drug trade. There is a lot in that book that I can't print, even though I would like to! As to your other questions, yes, I have read those titles you mention, and, no, I do not know who the Grey Men are. If or when I find out, though, I will list them in NEXUS! Ed.)

AUSTRALIAN ASSETS GO UNDER THE HAMMER

In the past six weeks, AUD\$10.4 billion of Australian assets have been quietly handed over to foreign interests, with hardly a mention in the media!

The sell-off includes:

- 25% of Qantas to British Airways, plus another 27% to foreign investors in a recent AUD\$1.45 billion float;
- Pacific Dunlop's food operations to the Swiss and the US for AUD\$1.06 billion;
- one of Victoria's major electricity distribution corporations for AUD\$1.85 billion;
- Australia's second largest life insurance company, National Mutual, to French group AXA for AUD\$1.6 billion;
- building and plastics company BTR Nylex to the British for a record \$4.5 billion;
- plus a bundle of commercial and residential properties.

The Australian Bureau of Statistics refuses to publish the official measure of the level of foreign investment across the different industry sectors, but Australian Consumers Association research shows the following: Food, 85% foreign-owned; Beer, 50%; Car Manufacturing, 98%; Engineering and Construction, 67%; Advertising, 80%; Hotels, 90%; Print Media, 60%.

The purchase of Australian assets by foreigners includes every asset the companies have under their corporate banner.

To give just one example, with the sale



of National Mutual, French company AXA gained control of Australia's largest sheep-farming operations—National Mutual being considered the country's biggest wool producer, as well as having enormous cotton, crop and beef interests. This means that Australian wool-growing is now, in effect, in the hands of the Champs Elysées farmers.

It may come as a surprise to most to learn that the Australian Bureau of Statistics places the USA as the biggest foreign investor at AUD\$85.2 billion, followed by the UK at AUD\$74.5 billion, Japan at AUD\$48.9 billion and Hong Kong at AUD\$14.4 billion.

(Source: *The Sun-Herald*, 3 September 1995)

COMET HALE-BOPP, FOR THE NON-ASTRONOMER

The Hale-Bopp comet (C/1995 01) was discovered on 23rd July 1995 by Alan Hale, New Mexico, and Thomas Bopp, Arizona.

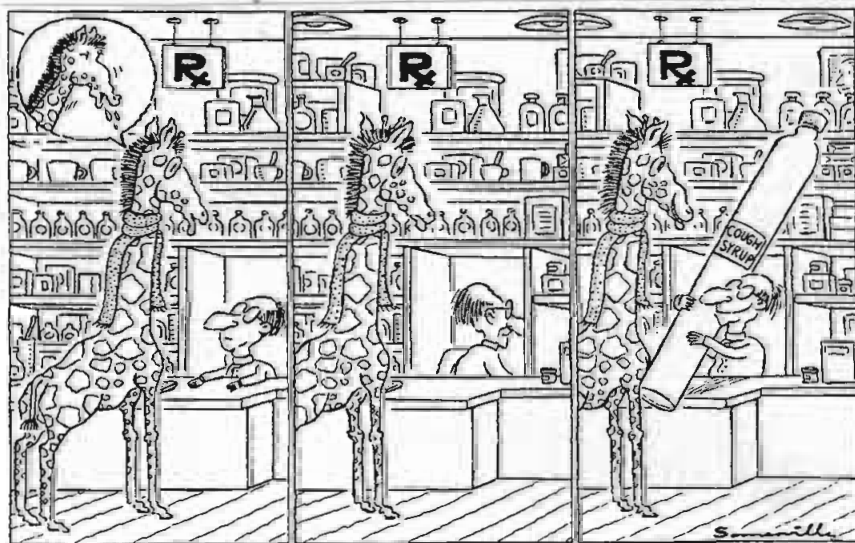
The orbit of this comet is of a long period—approximately 3,250 years. It has travelled through the inner solar system before—that is, it is not a new comet from the Oort Cloud. Its orbit is a very long, stretched-out ellipse, and the comet is part of our solar system in orbit around our Sun.

Comet Hale-Bopp is expected to reach its closest point to the Sun (perihelion) at 15.4 hours UTC on 1st April 1997 (no fooling!). At that time it will be about 0.913 astronomical units from the Sun (one AU = about 93 million miles or 150 million kilometers—the distance between the Sun and the Earth), or roughly 85 million miles (137 million kilometers) from the Sun. This is not a particularly close approach to the Sun, but any comet that comes within 1 AU of the Sun has a chance of putting on a nice show.

The comet will make its closest approach to the Earth on 23rd March 1997. At that time it will be more than 120 million miles (194 million kilometers) from Earth—not even a very close approach! Will the comet 'cross' the Earth's orbit? Well, yes and no... The comet will come closer to the Sun than the Earth, but it will never actually physically cross any point in space that is occupied by the Earth—so it can't hit the Earth!

The comet will be best seen from the southern hemisphere (and lower northern latitudes) except when it is expected to be at its brightest. In March and April 1997 it will only be easily visible from the northern hemisphere.

There have been reports that this comet is very large. Actually, the heart of the comet—the nucleus—is obscured by the dust and gas that forms the head of the comet. Nobody knows how large the nucleus is. We can't see it! The nuclei of comets range in size from a few miles (kilometers) or smaller, to over 100 miles (160 kilometers) in diameter. The brightness of the comet is not always directly related to the size of the nucleus. This is because, typically, only a fraction of the surface of a comet's nucleus is active. It is



possible that this comet has a small nucleus with most of its surface emitting dust and gas. It is also possible that this comet has a large nucleus with only a small active region. We just don't know.

(Sources: Charles S. Morris, email csm@encke.jpl.nasa.gov; Stan Deyo's *WATT's News*, no. 2, September 1995)

COMET HALE-BOPP, FOR THE NEXUS READER

Many people have asked the question, "With all that gear out there, how come the experts didn't discover Hale-Bopp first?" Or did they?

What follows is a titbit emailed to NEXUS. Make of it what you will.

The Truth About Hale-Bopp?

From the Art Bell Radio Web

Date: 7 Aug 1995

From: wmtim@aol.com (WmTim)

I work at an institution that studies data gathered from a number of 'outward-looking' satellites. We first saw Hale-Bopp on July 3rd. We have determined that it has made a number of course-corrections since that time. Once we confirmed the data that first suggested these corrections, government 'spooks' from some unidentified agency seized the data, and our satellite links were shut down "for maintenance". Never before have we lost all our links at once. Our name for the 'comet' was "Contact 070795B". Use that name when asking questions and see the result you get.

(Source: Stan Deyo's *WATT's News*, no. 2, September 1995)

THE NEW POLITICALLY CORRECT BIBLE

The *New Testament* got a major facelift in September, with a new English translation eliminating references to God the Father, turning the Son of Man into "the human one" and removing accusations that Jews killed Christ.

This new politically correct version, published by Oxford University Press, says children should not "obey" their parents but "heed" them; wives are no longer "subject" to their husbands but "committed" to them; "darkness" is no longer equated with evil because of its racist overtones; and the Lord's Prayer now begins with "Our Father-Mother in Heaven".

References to the "right hand of God" are also deleted, eliminating possible embarrassment to left-handed people. It now becomes "God's mighty hand".

The New Testament and Psalms: An

Inclusive Version also eliminates all references to the Jews killing Jesus, which makes it the first translation of the Bible to take on the issue of anti-Semitism.

The translation also makes a great effort to reduce the number of times God is referred to as Lord, because lords as a ruling group are passé.

The word "slaves" is also dropped in the new translation, replaced by "people who were enslaved", and the phrase "the blind" becomes "people who are blind". However, the editors did draw the line at calling disabled people "differently abled".

(Sources: kalivas@aol.com via the Internet; *Weekly Telegraph*, 6-12 September 1995)

IS THERE SUBLIMINAL SEX IN "THE LION KING"?

Stafford, Virginia, USA — A Christian group wants Walt Disney Co. to remove *The Lion King* from video stores, claiming the cartoon movie briefly, and subliminally, shows the word "sex".

The American Life League, which claims to be the nation's largest anti-abortion group, was alerted to the brief appearance of the word by a woman who said her four-year-old son noticed it.

After seeing that the word appears to be formed by a dissipating cloud of dust about midway through the movie, the group is encouraging people to write to Disney to complain.

As the dust begins to trail off, it appears to form the letters S-E-X, with each letter fading as the next becomes clear, the group claims.

(Source: *Sunshine Coast Daily*, 2 September 1995)

ALIENS (NOT BIG BANG) CREATED OUR UNIVERSE?

An amazing article published in the September 1995 issue of the quarterly *Journal* of the Royal Astronomical Society is seriously exploring the notion that our universe may have been created by beings of superior intelligence living in another universe.

Consider the following from the news release:

"...Modern cosmology has reached the stage where this form of creation is a strong possibility.

Perhaps highly intelligent beings in our universe, such as our descendants in the far future, will also create universes. Plausibly the creation of universes is the natural consequence of life evolving to a very high level of intelligence."

Why is our universe so carefully designed the way it is? Because it was created by intelligent beings basically similar to us. The universe they occupied was compatible with their existence and therefore finely tuned and basically similar to our own universe. Our universe inherits the characteristics of its parent universe except for small random or designed genetic variations in the values of the fundamental constants.

The article, titled "The Natural Selection of Universes Containing Intelligent Life", suggests that "the creation of our universe was not a mysterious supernatural event by a supreme being beyond human comprehension, but a natural event caused by superior beings (angels) essentially similar to ourselves and hence comprehensible."

(Source: Edward Harrison, news release for *Royal Astronomical Society*, 14 August 1995)

EUROPE PAYS TO LET FOOD ROT

Nearly three million tons of fruit and vegetables, including almost a million tons of apples, were destroyed in 1993, at a cost of £439 million (AUD\$900 million), under the European Union's Common Agricultural Policy.

More than 720,000 tons of peaches, over half a million tons of oranges and 165,000 tons of nectarines were also taken off the market by farmers paid by Brussels to destroy their own produce.



British taxpayers alone paid £57 million (AUD\$120 million) towards the cost of destroying fruit and vegetables of almost every type grown in Europe.

All were fit for human consumption.

Here you have a scheme whereby European taxpayers are funding a scheme which keeps the price of fruit and vegetables artificially high by destroying perfectly good produce.

The fruit is destroyed by being buried in the ground and allowed to rot.

(Source: *The Daily Telegraph* [UK], 7 August 1995)

SMART CARDS TO STOP CAR THEFT, AND THE REST

Under a new driver licensing system being developed in Sweden, police will be able to shut down your car's engine by remote control instead of chasing you all over the highways and back streets.

The new smart card licence does everything from starting your car to ensuring you pass an alcohol breath-test each time you drive.

Computer-linked to police stations, the new licence will make use of onboard computers to allow police to shut down the ignition systems of stolen cars, cars with outstanding fines or warrants and cars out of registration.

The system operates through a computer installed in the car and run by the electronic driver's licence (EDL) encoded with the driver's specific details.

Car keys, steering locks and ignitions will all be replaced by a card-reader about the same size as a car stereo.

In the future, when you go to get into your car, the computer will first check that the driver's licence details on the card are

valid and pre-programmed for driving that car. This check is performed twice, once when you go to open the car door, and once when you put the card into the computer to start the car. The car will not start if the computer rejects the card.

According to the developers, you can even stipulate that the car won't start until the driver has passed an alcohol or drug test—with a test unit about the size of an electric shaver installed in the glove box of the cars of convicted offenders.

The licence will also store personal medical details so as to provide information to police or ambulance officers in case of an accident or when 'needed'.

(Source: *Sunday Telegraph*, 20 August 1995)

CLEAN WATER—THE 'GOLD' OF THE FUTURE?

According to the World Bank, water will be the most sought-after natural resource and the most likely cause of wars in the 21st century.

Chronic water shortages already affect 40% of the world's population in 80 countries, and the situation will become far worse with an expanding population and a growing demand for water.

The main constraint on food production in the developing world has been a shortage of land, but it would be a scarcity of water in the future, as a World Bank study has found.

Global demand for water is increasing by 2.3% a year, doubling every 21 years.

It is estimated that a billion people in the world today do not have access to clean drinking water, and almost as many again lack adequate sanitation.

(Sources: *The Sydney Morning Herald*, *The Australian*, 8 August 1995)

ALIEN ABDUCTIONS DOCTOR SURVIVES CLOSE ENCOUNTER!

Harvard University psychiatrist Dr John E. Mack, Pulitzer Prizewinner and author of the best-selling book, *Abduction: Human Encounters with Aliens*, has survived a gruelling year-long academic panel investigation into his research methods.

The peer-review committee was set up to establish whether Dr Mack had tried to treat rather than merely study individuals claiming to have been abducted by and even sexually experimented upon by alien beings. Considering that psychiatrists are trained to counsel patients in therapeutic settings, the need for this sort of review is rather odd.

Could it be that the issue at stake is more academic control versus freedom, rather than the welfare of people who genuinely believe in the reality of their abduction experiences?

The Mack attack was unfounded, and the Harvard Medical School has upheld his freedom "to study what he wishes and to state his conclusions without impediment". Dr Mack has issued no comment on the ruling, and the panel has made no statement about the validity or otherwise of the abductees' experiences.

Mainstream psychiatry still might not take the abduction phenomenon seriously, but at least Dr Mack can look forward to continuing his work without too much Earthly harassment.

(Sources: *Nature*, vol. 374, 4 May 1995, vol. 376, 10 August 1995; *The Sydney Morning Herald*, 5 August 1995)

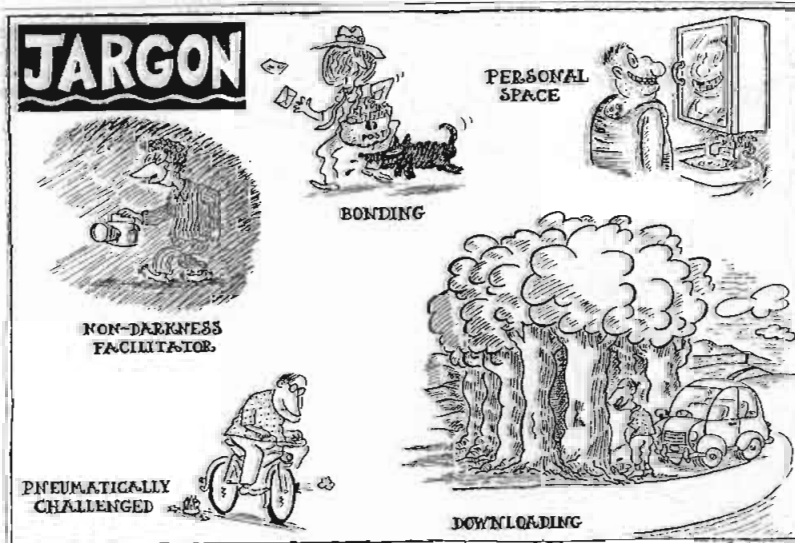
EUROPEAN UNION BANS BOVINE GROWTH HORMONE UNTIL THE YEAR 2000

On 14th December 1994, the European Council of Ministers imposed a ban through the year 2000 on the commercial use of the controversial, genetically engineered, bovine growth hormone.

In the USA, on 3rd February 1994 the Food and Drug Administration (FDA) approved the injection of the hormone into dairy cows in the United States.

Over the objections of consumers and farmers, the FDA also severely restricted dairy producers' ability to label products produced by this hormone.

Friederich-Wilhelm Graefe zu Baringdorf, Vice President of the EU Agriculture Committee, wrote in a letter to FDA Commissioner, David Kessler, that, "Consumers in the European Union...are apparently much more concerned about the



unresolved human health issues related to bovine growth hormone than your Agency was when it authorised the product."

This is not true. There has been a huge outcry in the US regarding the introduction of rBGH/rBST, but the FDA has ignored it.

(Source: *Citizens For Health Report*, Vol.3:1, 1995)

CLASS ACTION SUIT AGAINST THE FDA

The Life Extension Foundation has engaged an Illinois attorney to file a class-action suit against the FDA, Chicago branch, on behalf of a growing number of people who have had "unapproved" drugs (vitamins, herbs, mineral supplements), ordered for personal use, illegally detained by the FDA.

The suit is justified on the basis that the FDA's official public policy permits individuals to import small amounts of unapproved drugs and substances for personal use without fear of reprisal.

The action against the FDA's Chicago branch is part of a larger public outcry against FDA excesses in general, especially with respect to alternative medicine where it too often takes an armed Gestapo approach to regulation.

In January this year, the Washington Legal Foundation took out a full-page ad in *The New York Times* with a banner headline, "The problem with health care in America is the FDA".

(Source: *Alternative Medicine Digest*, vol. 7, no. 7, July 1995)

DON'T LISTEN TO PROZAC

In case you've been tempted to try out the highly popular antidepressant drug Prozac, think again. Be advised that just because the FDA approved it, this doesn't mean it's safe. In fact, the mounting evidence suggests it is far from safe. The FDA has received more adverse reaction reports for Prozac than for any other product in the last 24 years.

The FDA doesn't want anyone to know that as far back as September 1993 it had received 28,623 reports of adverse reactions to the drug. This is 10 times the number reported for Halcion, another psychiatric drug that was eventually banned in the UK, but not in the USA.

The adverse reactions to Prozac include convulsions, hallucinations, aggression, delirium, violent hostility and psychosis. Add to this the reports of 1,885 attempted suicides and 1,734 deaths (1,089 by suicides), and Prozac's real story emerges.

(Source: *Perceptions*, Fall 1994)

VACCINATION TRACKING SYSTEM COMING OUR WAY (LIKE IT OR NOT!)

The Australian Government, as part of the 1995-96 Budget, has allocated funds to trial a National Childhood Immunisation Register. The Register will provide information on the vaccination status of virtually every baby born in this country. (The only exceptions are those who are not in Medicare.) It will also form the basis of a recall/reminder scheme that will inform parents when their child's next vaccination is expected. Other details include name of vaccinator, Medicare number, manufacturer and batch number of vaccines administered, and dates of vaccinations. There is no provision for monitoring and recording vaccine adverse reactions.

The scheme is primarily designed to counter the declining vaccination coverage rates in Australia—a trend that is mainly due to the growing concern by parents recognising the dangers and ineffectiveness of vaccinations.

The carrying out of the Register will be co-ordinated by the National Childhood Immunisation Committee (NCIC) and will be administered by the Health Insurance Commission. The NCIC had invited the public to make submissions about the implementation of the Register. Unfortunately, however, they didn't ask the public whether they actually wanted the scheme!

The implementation of the Register would greatly widen the powers of health bureaucrats and the medical establishment in achieving their agenda of universal vaccination coverage of our children. The proposed Register would empower bureaucrats and others who have a strong interest in vaccinations to have at their call a computerised, state-linked, vaccination tracking system.

Although Section 51, Part 23A of the Australian Federal Constitution is supposed to protect us from any form of compulsory medication, and this includes vaccinations, our rights can still be seized by the state. In recent times in this country, governments have shown an increasing propensity to override, circumvent or simply ignore the Constitution. This is achieved by the High Court's willingness to allow international treaties and agreements to override our Constitution.

Australia is already signatory to a number of UN agreements that could be misused by the High Court to override Section 51, Part 23A of the Constitution. Among these is the "Convention on the Rights of the Child", which imposes on signatories an obligation to "ensure the highest possible standards" of health care for children. The High Court could easily interpret this as an obligation to ensure mandatory vaccinations.

Mandatory vaccination laws already exist in many states in the USA. The following are examples of the consequences:

- A Middletown, Ohio woman, with two children killed by the DPT vaccine, received two letters from the Ohio Department of Health that her only surviving child had to be vaccinated. (*Dalton Daily News*, 11 Sept. 1988)

- A Kansas mother, in response to questioning a public health nurse about what would happen if she did not vaccinate her child, was told that the state would have her immunised and would place her in a foster home. The child was permanently handicapped by the injection. (*Graham vs. Wyeth*, No. 85-1481-K, US District of Kansas, 1987)

- A Bellefontaine woman, whose baby died 17 hours after receiving a DPT shot, was threatened with losing her WIC benefits (food assistance for low-income families with children) for refusing to vaccinate her subsequent child. (*Dayton Daily News*, 28 May 1993)

Unvaccinated children could be at a threat of being injected at their school, pre-school or other institution without parental consent or knowledge. This has already been known to happen at some pre-schools in New South Wales. The NSW Department of Health Immunisation Program Coordinator, Sue Jobson, revealed to a group of school teachers during her talk on Immunisation Regulation at the Montessori Teachers' Workshop, Meadowbank TAFE (12 Nov. 1993) that some pre-schools had had nurses in to immunise children without consent. (Letter from attending teacher, C. Shields, 13 Nov. 1993)

The proposed Register could possibly give parents a false understanding that providing information about their child's vaccination status may be obligatory, and some parents may actually believe that vaccinations have become mandatory.

As parents in a 'free' society, we should have the ultimate responsibility for protecting the rights and well-being of our children.

(Sources: *Campaign Against Fraudulent Medical Research*, PO Box 234, Lawson, NSW 2783; *Immunisation Investigation Group*, PO Box 900, Katoomba, NSW 2780, Australia)

The Link between Earthquakes and Nuclear Testing

Data suggests that many earthquakes occur as a result of nuclear testing, yet fewer 'killer quakes' have struck since testing began.

Is there a secret military agenda to control the number and strength of earthquakes?

© by Gary T. Whiteford, Ph.D.

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This paper is an attempt to understand distributions, patterns and directions of large earthquakes of Richter magnitude (M) greater than or equal to 6 ($M \geq 6$) since 1900. Secondly, attempts will be made to relate such large earthquakes to the patterns of nuclear testing. Such testing is conducted by the United States (USA), the [former] Soviet Union (USSR), France, the United Kingdom (UK) and China. Emphasis was placed on earthquakes of $M \geq 6$ because these are the ones that cause considerable property damage and/or kill hundreds of people in short periods of time. Further, the data was more manageable when such magnitude earthquakes were considered. For example, there are between 5,000 to 7,000 earthquakes of $M \geq 4.5$ each year around the world, whereas in any given year since 1900, the highest number of earthquakes $M \geq 6$ was 214 (in 1957). As the magnitude threshold is lowered, many thousands more small events must be screened.

Earthquakes have always been part of the Earth's geologic history. On the other hand, nuclear testing only began in earnest in 1951. In 1963, such testing was moved underground. The greatest recorded earthquake death toll of 830,000 was in Shaanxi, China, in 1556. The worst in this century was on 28th July 1976 when the north-eastern Chinese city of Tangshan was levelled and about 800,000 people were killed. That quake measured $M 7.8$. Coincidentally, five days before the quake (23rd July), the French detonated a nuclear bomb in the South Pacific Mururoa Atoll, and, one day before (27th July), the USA detonated a nuclear bomb of 20-150 kilotons (KT) at the Nevada test site.

The nuclear era began on 16th July 1945 when "Trinity" was dropped 100 feet from a tower near Alamogordo, New Mexico. The yield was 19 KT of TNT equivalent. Soon after this test, on 5th and 9th August, the 15-KT nuclear device, "Little Boy", was dropped on Hiroshima, and the 21-KT "Fat Man" was dropped on Nagasaki, ending World War II.

Since 1945, the major powers have exploded a total of over 1,800 nuclear bombs (through March 1989). An average of close to 50 underground nuclear tests have taken place each year since 1980. There is little doubt that planet Earth is under severe environmental stress. It is not getting any better.

Recently the prestigious environmental research group, the Worldwatch Institute, issued their latest *State of the World* report which shows that the world is being pushed to the brink. "We are losing at this point, clearly losing the battle to save the planet," said the report's chief author, Lester Brown. The impending result, he warned, "will shake the world to its foundation". Ozone depletion, toxic wastes, acid rain, water scarcity and pollution, forest destruction and topsoil loss are all part of this impending environmental disaster. Perhaps it is high time to consider underground nuclear testing as a part of this infamous list.

Patterns of Earthquakes, $M \geq 6$, 1900 to 1988

For means of comparing patterns and trends of $M \geq 6$ earthquakes with nuclear testing, 1950 will be used as the watershed year. There were no nuclear tests in that year, and only nine covering the years 1945 through 1949. The idea is to identify patterns in the first half of this century (1900 to 1949) and compare these to the second half of the century (1950 to 1988).

The most evident trend from Table 1 is the change in the comparative number of earthquakes of various magnitudes for the period before and after 1950. The first 50 years of this century recorded 3,419 such earthquakes of $M \geq 6$, an average of 68 per year. The last 39 years of this century recorded 4,963 earthquakes of $M \geq 6$, an average of 127 per year. In other words, the average per year for such earthquakes has about doubled in the second half of this century as compared to the first half of the century. Also, from 1900

through 1949, there were only eight years in which there were over 100 earthquakes of $M \geq 6$. This entire cluster of eight was found between 1931 and 1941. The highest number was 182 in 1934, and this compared to a low of 17 in 1904.

Starting in 1950, the trend was completely reversed. In this 39-year period from 1950 to 1988, the overwhelming majority of years had a total of over 100 earthquakes of $M \geq 6$. Again, this compares to only eight years for the first 50 years of this century. The highest number was 214 in 1957, while the lowest was 78 in 1962. It is interesting to note that the years 1959 and 1960 were relatively free of nuclear tests. Coincidentally, two years later, the number of earthquakes $M \geq 6$ dropped to only 78 in 1962 and 83 in 1963. These earthquake totals were the lowest for any given year covering the entire second half of this century.

When the $M \geq 6$ earthquakes are divided into groups, another trend becomes evident. From 1900 through 1949, there was a total of 101 earthquakes of $M \geq 8$, with a yearly maximum of 7 in 1906. Those 1906 earthquakes included the famous San Francisco earthquake of 18th/19th April, at $M 8.3$, which killed over 400 people. But from 1950 through 1988, a total of only 30 earthquakes of $M \geq 8$ were recorded. The most in any given year since 1949 were four, back in 1950. This included the great Indian earthquake of 15th August, at $M 8.7$, which killed over 1,500 people.

Thus, for the first half of this century, 101 earthquakes of $M \geq 8$ were recorded, as compared to only 30 of such earthquakes for the second half of the century. And for the last 10 years there have been only three earthquakes $M \geq 8$ recorded. The last was on 20th October 1986 when an $M 8.3$ earthquake struck the Kermadec Islands of the South Pacific. This quake happened just four days after the USA exploded a 20-150-KT bomb in Nevada on 16th October.

It appears, therefore, that given such an increase in earthquakes of $M \geq 6$ since 1950, and a decrease in earthquakes of $M \geq 8$, the observed increase must have occurred in between the two magnitude ranges. In fact, the increase has mostly occurred in the $M 6.0$ to 6.5 range, as seen in Table 1. The average number in this range per year has tripled since 1950, from 24 to 72, as compared to earthquakes between $M 6.5$ to < 7.0 . The numbers for earthquakes $M \geq 7$ have dropped since 1950 relative to the first half of the century. There were 1,145 (an average of 22 per year) from 1900 to 1949, and only 699 (average of 17 per year) from 1950 to 1988.

Magnitude	1900-1949	Average	1950-1988	Average
6.0 to <6.5	1164	24	2844	72
6.5 to <7.0	1110	22	1465	37
>7.0	1145	23	699	18
>8.0	101	2	30	<1

It should be noted that the ability to locate earthquakes in the world has increased dramatically since the turn of the century because of improved global communications and seismograph instrumentation. A dramatic increase in the number of recording stations has also occurred. For example, about 350 seismograph stations were operating in 1931, whereas today there are over 3,000 active stations around the world. It is generally conceded, however, that the largest earthquakes have been recorded relatively consistently since 1900, and these factors could have only a small effect on the number of events located per year for magnitudes above 6.0.

In conclusion, since 1950 the trend of the earthquakes $M \geq 6$ is as follows. There have been 1,500 more in the last half of this century compared to the first half, and the average per year has doubled. Further, the increase has been most dramatic in the $M 6.0$ to 6.5 range, while a dramatic drop is seen in earthquakes of $M > 7.0$. The question remains as to whether this trend will continue.

Patterns of Nuclear Testing, 1945 to 1989

The table below compiles the respective summary totals of nuclear explosions by country since 1945. The USA and USSR account for about 87% of the total.

Years	USA	USSR	Fra.	UK	Chin	India
1945 - 1962:	304	166	8	23	0	0
1963 - 1988:	629	451	165	18	32	1
Totals:	933	617	171	41	32	1
Grand Total: 1795						

Nuclear testing began in earnest in 1951 when the USA exploded 16 bombs. They later tested 77 times in 1958, half in the Pacific and about half at the Nevada test site. In 1962, a record of 98 USA bomb tests occurred, including a 600-KT bomb from a Polaris A2 rocket in the Pacific.

The largest nuclear test explosion conducted by the USA was a 15-megaton (MT) bomb detonated at Bikini Atoll, Marshall Islands, on 28th February 1954. The largest nuclear test by any country is believed to have been a 58-MT bomb detonated by the USSR on 30th October 1961 above the high Arctic island of Novaya

Zemlya. Since 9th November 1962, all USA nuclear tests have been conducted underground at the Nevada test site.

In 1962, a large number of nuclear tests were carried out (98 by the USA, 44 by the USSR) in anticipation of a halt to above-ground testing, which was a result of the Limited Test Ban Treaty signed in 1963. The French, however, continued to test above the water at Mururoa Atoll until 1975. And the Chinese did likewise, testing some 16 times above ground at the Lop Nor test site in Sinkiang Province until 1975. Tests are now limited to a maximum yield of 150 KT under terms of the Threshold Test Ban Treaty signed by President Richard M. Nixon and Soviet Premier Leonid Brezhnev in Moscow on 3rd July 1974. The ban did not take effect until 31st March 1976, and remains unratified by the US Senate. Testing was stopped completely in 1959 and 1960, and the USSR unilaterally stopped testing during a self-imposed moratorium for 19 months between July 1985 to February 1987. During that time, the USA conducted 26 nuclear tests. Since 1963, nuclear test sites by the five major powers have essentially been confined to the following locations:

Nation	Site Description	Latitude	Longitude
USA & UK:	Nevada Test Site (65 miles NW of Las Vegas)	37 N	116 W
France:	Mururoa, Fangataufa Atoll (720 miles SE of Tahiti, in Tuamotu archipelago)	22 S	139 W
China:	Lop Nor, Sinkiang Province	41 N	88 E
USSR:	1. Semipalatinsk, Kazakhstan	49 N	78 E
	2. Novaya Zemlya Island Arctic Ocean	73 N	55 E
	3. Ural Mountains, near Serov	60 N	56 E
	4. Siberia, north Lake Baykal	61 N	112 E

The French testing site is very close to the Tropic of Capricorn ($23.5^\circ S$ Lat.) and is the only nuclear test site south of the equator. The Soviet Arctic site, the Novaya Zemlya Islands, is the only nuclear test site north of the Arctic Circle ($66.5^\circ N$ Lat.) and is presently used only once or twice per year. However, from 1958 through 1963 it was the main Soviet nuclear test site. The site was last used on 4th December 1988 when the USSR exploded a nuclear bomb between 20-150 KT. Three days later, on 7th December, the Soviet Armenian earthquake struck, registering $M 6.9$ and killing upwards of 60,000 people, injuring 13,000 and leaving half a million people homeless. Another of these dangerous coincidences.

The total nuclear tests by all countries since 1945 is 1,795. The average for the 43.5-year period is one test every eight to nine days. If the period 1963 through 1988

is taken, the major powers are averaging a nuclear test every 7.3 days. The yearly average in the 1960s was 56; in the 1970s it was 47 tests; and in the 1980s, 47 tests. But the period of July 1985 to February 1987 was the self-imposed test ban by the USSR, so the 1990s should show the yearly level rise to above 50 again as they try to make up for lost ground.

Perhaps the only hope on this nuclear testing path is the attempt to limit nuclear tests to 1 KT with a view to total elimination. The Soviets emphasised a goal of immediate cessation of all nuclear tests, while the Americans stressed the need to improve verification capabilities and the need to continue testing in the absence of significant reductions in offensive nuclear weapons.

In 1988, each side visited the other side's nuclear test site to monitor an underground nuclear explosion. The idea was to make sure that both sides can verify whether a test yields more or less than 150 KT. The Soviets prove accuracy by their preferred monitoring method, which counts seismic units such as those used in monitoring earthquakes. In the American method, an electrical cable must be placed within 10 to 15 metres of the blast.

Nuclear Testing and Earthquake Frequencies

The distribution of all earthquakes of $M \geq 5.8$ between 1900 through 1949 clearly reflects the boundaries of the 11 major tectonic plate zones. All such earthquakes were located in zones or blocks of 10 degrees of latitude and 10 degrees of longitude, to give frequency and per-cent distributions on a global scale. The highest per cent is the Southern Philippines block at 3.95%, having recorded 135 earthquakes of $M \geq 5.8$ during the period. Japan, in the Hokkaido area, is next at 3.07%, with 105 such earthquakes.

Table 4, below, identifies the major zones of high earthquake frequency, in some cases combining the values for adjacent blocks of latitude and longitude.

Location	Number of Earth- quakes	Combined no. of Blocks of Lat and Long	% of All Earth- quakes
Indonesia, New Guinea:	424	7	12.39%
Vanuatu, Fiji, Tonga:	377	5	11.03%
Japanese Islands:	310	4	9.07%
Cent. Amer., S. Mexico:	205	4	5.99%
Chile, Peru, N. Argent.:	204	5	5.96%
Philippines:	187	2	5.47%
Taiwan:	74	1	2.16%
N. India, Pakistan:	69	1	2.02%
New Zealand:	43	3	1.25%
S. Greece, W. Turkey:	42	1	1.23%

This convention for aggregating and presenting the data in percentage values within blocks of latitude and longitude, is used throughout this paper.

These area blocks or zones of latitude and longitude received nearly 56% of all the Earth's quakes of $M \geq 5.8$ from 1900 to 1949, for a total of 1,935 earthquakes. By comparison, all other blocks of latitude and longitude each receive less than 1% of all earthquakes. This established pattern of earthquakes of $M \geq 5.8$, with highlighted zones of high frequency occurrence on a global scale between 1900 and 1949, will act as a control against which we can compare the patterns of earthquakes that follow nuclear testing. All such earthquakes were recorded either on the day of the test or within the four days afterward, for a five-day period.

Atmospheric (Above-Ground) Nuclear Testing

The first area to consider is the Pacific Ocean. The US tests here totalled 106 and were conducted from 1946 through 1962. The principal sites are listed below:

Location	Number of Tests	Lat	Long
Eniwetok	43	11 N	162 E
Christmas Island	24	2 N	169 W
Bikini	23	11 N	165 E
Johnson Island	12	17 N	169 W
Pacific sites	4		

When we review the earthquake data, the following areas emerge as receiving more than their share of the $M \geq 5.8$ earthquakes. Hardest hit following USA Pacific tests, relative to the pattern prior to 1950, were the blocks of latitude and longitude encompassing Sakhalin Island, the Aleutian Islands, Peru, Bolivia, Central America, Western Samoa, Vanuatu, Baja, California, Hawaii and Japan.

French testing in the South Pacific covered years 1966 through 1974 when they conducted 44 atmospheric tests, 39 over Mururoa Atoll and five over Fagataufa Atoll. The earthquake pattern after the French South Pacific testing is somewhat different, and the zones of high frequency earthquakes following these French tests were Western Samoa, Fiji, the Solomon Islands, the Alaska Panhandle, and the area between the Kamchatka Peninsula and Aleutian Islands. Interestingly, these regions of high earthquake activity following Pacific nuclear testing are all confined to the Pacific Ring of Fire, a zone of earthquakes and volcanoes that circles the entire Pacific Ocean. These data are summarised in Table 6.

British tests in the Pacific Ocean covered the period 1957 to 1958 and involved only

Table 6: Percentage of All Earthquakes ($M \geq 5.8$) after US and French Above-Ground Nuclear Tests, Pacific Ocean, 1946 to 1975 (five-day period)

Location	Pre-Test Period Percent 1900-1949	After USA Tests Percent 1946-1963	After French Tests Percent 1966-1975
W. Samoa:	2.78	4.91	12.50
Fiji:	2.31	2.45	4.17
Kermadec Is.:	0.50	1.84	0
Vanu-Coral Sea:	3.36	5.75	4.17
Solomon Is.:	2.98	1.84	16.67
Hawaii:	0.66	1.23	0
N. Peru:	0.09	1.84	0
Lima, Peru:	1.02	0.51	4.17
Bolivia:	1.26	3.07	0
C. Rica, Panama:	0.79	3.07	0
South Mexico:	1.05	4.91	0
Baja, CA:	2.22	4.29	0
Alaska Panhandle:	0.35	2.45	0
W. Alaska:	0.50	0	8.33
Aleutian Is.:	0.41	1.23	4.17
Sakhalin:	0.88	7.36	0
Hokkaido:	0.97	3.07	4.17
Tokyo:	0.88	2.45	4.17
S. Japan, Bonin:	0.76	0.61	4.17
Burma:	0.97	7.98	0
Tehran:	3.07	1.84	4.17
	2.46	3.68	0
	0.53	2.45	0
	0.94	0	4.17
	0.47	0	4.17

nine tests at Christmas Island (1.7° N Lat, 157° W Long). Twelve British tests were conducted in Australia from 1952 to 1957. Since 1962, all British tests have been underground at the USA Nevada test site. Only the Christmas Island tests were examined here, but, once again, familiar terms emerge. See Table 7.

Table 7: Percentage of All Earthquakes ($M \geq 5.8$) after British Above-Ground Nuclear Tests, Pacific Ocean, 1952 to 1957 (five-day period)

Location	1900-1949	After British Tests
Central America & S. Mexico:	4.64	20.00
Kermadec Is./Samoa:	7.13	15.00
Solomon Is./Vanuatu:	6.34	10.00

From 1951 until 1963, the USA tested 100 times above ground at the Nevada test site. When these test dates are matched with earthquakes of $M \geq 5.8$ within a five-day period, the following areas show a higher-than-normal share of such earthquakes compared to the 1900-1950 period:

Table 8. Percentage of All Earthquakes ($M \geq 5.8$) after USA Above-Ground Nuclear Tests in Nevada, 1951 to 1963 (five-day period)

Location	1900-1949	After USA Tests
Kermadec/W. Samoa & Vanuatu:	11.61	16.05
Kamchatka/Aleutian Is.:	4.46	10.82
Taiwan:	2.16	5.60
Solomon Is.:	2.98	5.22

The Soviet above-ground testing involved 166 tests from 1949 to 1962. About 70% of the known Soviet tests have occurred at their two main sites near Semipalatinsk in eastern Kazakhstan (50%), and on the island of Novaya

Zemlya, north of the Arctic Circle (20%). The above-ground testing was very active at Novaya Zemlya in the years 1958 to 1962. When the 79 tests at that site are matched to the $M \geq 5.8$ earthquakes over the five-day period for those years, the following areas emerge as high-risk zones:

Table 9: Percentage of All Earthquakes ($M \geq 5.8$) after USSR Above-Ground Nuclear Tests in Novaya Zemlya, 1958 to 1963 (five-day period)

Location	1900-1949	After USSR Tests
Costa Rica/Panama:	1.05	8.82
Mindanao, Philippines:	3.95	6.86
Vanuatu:	3.36	6.86
Kermadec Is.:	2.81	6.86
Kamchatka:	0.97	5.88
Java/Java Trench:	0.94	8.82
S. Aleutian Is.:	1.85	10.76

These seven areas were struck 55% of the time during a five-day period following an above-ground test at Novaya Zemlya, for the period 1958 through 1962.

The [former] USSR's main testing site today is Semipalatinsk. But from 1945 through 1962, only a total of 53 above-ground tests were recorded. This number also included tests conducted at their other mainland sites in Siberia and the Ural Mountains. Two regions are most noticeably tied to this particular Soviet nuclear test site: Taiwan at 9.48%, and the South Aleutian Islands at 23.28%. These two locations respectively received only 2.16% and 0.88% of all $M \geq 5.8$ earthquakes during the pre-testing period of 1900 to 1949. Two other high-percent zones are the southern Mexico-Central America coastal region at 8.62%, and the western Samoa-Tonga region at 9.48%.

Another very interesting observation is that these mainland Soviet tests appeared to have little significant effect upon earthquake patterns in the Indonesia-Solomon Islands region, a zone that appears tied to other above-ground nuclear test sites.

Underground Nuclear Testing

Underground or below-ground nuclear testing for the USA and USSR started in 1963. Through to 1988 the USA tested underground 629 times, almost exclusively at the Nevada test site. The Soviets tested underground 451 times, mainly at the Semipalatinsk location, but with 35 underground tests at Novaya Zemlya.

Table 10: Percentage of All Earthquakes ($M \geq 5.8$) after USA Below-Ground Nuclear Tests in Nevada, 1963 to 1988 (five-day period)

Location	1900-1949	After USA Tests
Vanuatu:	3.36	6.81
Solomon Islands:	2.98	4.89
Nevada:	0.61	4.38
Aleutian Is. Block:	3.31	12.57
Santiago, Chile:	0.76	2.79

Observations from Table 10 show that around 30% of the time, during a given five-day period following an underground nuclear test in Nevada, an $M \geq 5.8$ earthquake has hit the Vanuatu Islands, Solomon Islands, Nevada itself, parts of the Aleutians, or Santiago, Chile.

The 35 tests at Novaya Zemlya, 1963 through 1988, tie to familiar areas again, as given in Table 11 below:

Table 11: Percentage of All Earthquakes ($M \geq 5.8$) after USSR Below-Ground Nuclear Tests in Novaya Zemlya, 1963 to 1988 (five-day period)

Location	1900-1949	After USSR Tests
S. Aleutians:	0.76	9.09
Mindanao:	3.95	9.09
Vanuatu:	3.36	6.06
Hokkaido:	3.07	6.06
Novaya Zemlya:	0	18.18
W. Samoa/Kermadec Is.:	5.59	15.15

The major [ex]-USSR nuclear test site in Semipalatinsk and associated mainland sites have received over 400 underground nuclear tests since 1963. Interesting patterns of earthquakes again follow nuclear tests at these sites. The South Pacific zone once again shows a relationship, but so too does the Nevada region, which previously only appeared with a high percentage following American nuclear tests in Nevada itself. The Aleutian Islands usually show an increase in earthquake frequency following nuclear tests, but this is not the case following a USSR underground test at Semipalatinsk, a marked contrast with the Novaya Zemlya test site. Further, the Semipalatinsk region itself received 3.15% of all $M \geq 5.8$ earthquakes following nuclear tests at that site, as compared to a low 0.23% prior to 1950. See Table 12.

Table 12: Percentage of All Earthquakes ($M \geq 5.8$) after USSR Below-Ground Nuclear Tests in Semipalatinsk and Other USSR Mainland Sites, 1963 to 1988 (five-day period)

Location	1900-1949	After USSR Tests
Solomon Is.:	2.98	8.92
Vanuatu:	3.36	6.49
Fiji, New Caledonia, Kermadec, W. Samoa block:	8.33	14.86
Honshu-Kyusnu:	2.19	2.43
Nevada:	0.61	1.62
Aleutians:	2.55	3.24
Semipalatinsk:	0.23	3.51

The French conducted 1,112 underground nuclear tests at Mururoa Atoll in the South Pacific from 1975 through 1988. As pointed out by a recent National Resources Defence Council paper, the French have accounted for some 20% of all nuclear tests within the 10 years to 1988. Serious fractures of the coral atoll and constant nuclear contamination of the site and surrounding waters has occurred. Some

observers feel that the French will have to move these tests to the nearby Fagataufa Islands. When the earthquakes of $M \geq 5.8$ are mapped within five days following all French underground testing, many Pacific regions again emerged as most affected and noticeable. See Table 13.

Interestingly, the French nuclear test site itself at Mururoa Atoll (22°S Lat., 139°W Long.) has a low 1.55% earthquakes observed in the five-day period following an underground test. This is quite different when compared to earthquake frequencies following underground tests at the three other test sites in Nevada (4.36%), Semipalatinsk (3.51%), and Novaya Zemlya (18.18%). This might be attributed to the fact that energy released from an underground nuclear test dissipates differently from a test site surrounded by an ocean.

Table 13: Percentage of All Earthquakes ($M \geq 5.8$) after French Below-Ground Nuclear Tests at Mururoa Atoll, South Pacific, 1975 to 1988 (five-day period)

Location	1900-1949	After French Tests
W. Samoa, Kermadec Is.:	5.79	12.41
New Britain, Solomon Is.:	2.98	10.08
S. Aleutian zone:	2.61	7.76
Vanuatu:	3.36	9.30
Hokkaido:	3.07	5.43
Taiwan:	2.16	3.10
Mexico City, El Salvador:	2.22	3.10
Columbia:	0.85	2.33

Atmospheric and Underground Nuclear Tests Combined

When all the above-ground (atmospheric) nuclear explosions are considered, certain areas of the world reveal high frequency patterns of the $M \geq 5.8$ earthquakes following such tests. These areas, listed in Table 14, account for about 50% of all the $M \geq 5.8$ earthquakes that followed an above-ground nuclear explosion within the five-day period.

Table 14: Percentage of All Earthquakes ($M \geq 5.8$) after All Atmospheric Above-Ground Nuclear Tests Worldwide, 1950 to 1974 (five-day period)

Location	1900-1949	After Nuclear Tests
Kamchatka, Aleutians:	0.88	2.06
	0.97	2.06
	0.76	1.65
	0.88	7.27
	0.97	4.65
Vanuatu:	3.36	6.86
Solomon Is.:	2.98	4.39
Panama, Costa Rica:	1.05	4.12
S. Mexico, El Salvador:	2.22	3.57
Kermadec Is.:	0.50	3.43
	0.03	1.23
Taiwan:	2.16	3.29
S. Greece, Turkey:	1.23	2.06

The earthquake patterns following all underground nuclear tests are similar to those for the above-ground testing, and, when grouped together, account for about 50% of all the $M \geq 5.8$ earthquakes that follow an underground nuclear explosion.

It is interesting to note that the Nevada area has a 2.65% chance of having such an earthquake. This compares to 0.61% for the pre-nuclear 1900 to 1949 period, and is slightly more than Taiwan's 2.47%. See Table 15 below.

Table 15: Percentage of All Earthquakes (M>=5.8) after All Underground Nuclear Tests Worldwide, 1963 to 1988 (five-day period)

Location	1900-1949	After Nuclear Tests
Kamchatka, Aleutians:	0.88	1.06
	0.97	0.97
	0.76	3.35
	0.88	2.12
	0.97	1.85
Vanuatu:	0.70	1.76
	3.36	6.70
Solomon Is.:	2.98	6.70
Fiji, Tonga, Kermadec Is.:	2.05	1.59
	2.78	3.88
	2.31	3.88
Hokkaido:	0.50	1.68
	3.07	3.26
Papua, New Guinea:	2.22	3.09
Nevada:	0.61	2.65
Taiwan:	2.16	2.47

The continuation of underground nuclear bomb testing, mainly by the USA, [ex-]USSR and France, should alert certain areas of the world to note when and where the tests occur. Table 16 summarises the patterns of earthquakes of M>=5.8 within a five-day period following nuclear tests at various test sites.

Table 16: Percentage of All Earthquakes (M>=5.8) after Nuclear Tests at Various Test Sites (five-day period)

Area Affected	After USA /Nevada test	After USSR /Semipala. test	After USSR /Zemlya test	After French /Mururoa test
Aleutian Is.:	12.57	3.24	9.09	7.76
Samoa, Kermadec:	---	14.86	15.15	12.41
Vanuatu:	6.81	6.49	6.06	9.30
Solomons, N. Brit.:	4.89	8.92	---	10.08
Mindanao, Philip.:	2.09	---	9.09	---
Taiwan:	2.09	---	---	3.10
Papua, New Guin.:	2.79	---	---	---
Hokkaido:	3.66	---	6.06	5.43
Honshu-Kyushu:	---	2.43	---	---
Novaya Zemlya:	---	---	18.18	---
Semipalatinsk:	---	3.51	---	---
Nevada:	4.36	1.62	---	---
Mexico, El Salv.:	---	---	---	3.10
Santiago, Chile:	2.79	---	---	---
Totals:	42.05%	41.07%	63.63%	51.18%

Two areas show a significant tie to nuclear testing, regardless of who tests— notably, the Aleutian Islands chain and the South Pacific area inclusive of Vanuatu, the Solomon Islands, Western Samoa and the Kermadec Islands. Further, the Japanese islands of Hokkaido, Honshu and Kyushu should note who tests and when. The island of Mindanao should take some precautions when the [ex-]USSR test at Novaya Zemlya. For Nevada, it is necessary not only for them to monitor American tests, but also Soviet Semipalatinsk tests including the Urals and Siberia sites. The two most vulnerable areas in the South

Pacific, the Solomon Islands and Vanuatu, should monitor tests weekly. Each of these areas has up to a 10% chance per week of having an M>=5.8 earthquake because of nuclear tests in the 1980s being conducted on an average of one per week.

The "Killer Earthquake" and Nuclear Tests

Of all the earthquakes that do occur, the most frightening of them is the one identified as the "killer quake". It can be defined as an earthquake which kills at least 1,000 people. It is especially interesting to note a dangerous coincidence when all the killer earthquakes since 1951 are simply listed and matched to the dates of nuclear tests. Table 17 (see page 16), displays the 'match' between nuclear explosions and killer earthquakes.

Each of the 32 killer earthquakes which struck between 1951 and 1988 caused at least 1,000 deaths, with the worst being 800,000 killed in the 1976 M8.2 China earthquake. This China earthquake was the worst for deaths recorded in this century, and, coincidentally, the US tested a nuclear bomb one day before the earthquake hit. Over the 37 years of nuclear testing, 20 of the 32 killer earthquakes, or 62.5%, occurred on the same day or within four days of a nuclear test. The total death toll for these 20 killer earthquakes is over one million people. Table 18 shows the breakdown of these 20 killer earthquakes.

Table 18: Twenty "Killer Earthquakes" Matched with Nuclear Tests, 1951 to 1988

Number of Quakes	Days after Nuclear Test
12	Same day, or 1 day later
3	2 days later
2	3 days later
3	4 days later

(When two or more nuclear tests occur prior to a killer quake, only the test closest to the quake date is counted.)

Is this pure coincidence?

Conclusions

Some people would question the idea of directly linking nuclear testing with the pattern of large, powerful earthquakes which follow within days of a test. Given the large number of such earthquakes per year, and the high number of nuclear tests per year, there might be a chance match between any given test and the occurrence of a large earthquake.

In the 1980s, there were an average of 47 tests and 120 earthquakes of M>=6 per year. While a chance correlation might appear to be at work, the geographical patterns in the data, with a clustering of earthquakes in specific regions matched to specific test dates and sites, do not support the

easy and comforting explanation of "pure coincidence". The phenomenon clearly requires further study.

The primary purpose here was to identify frequency patterns of earthquakes following a given nuclear test. Obviously, more study and research of the question of a link between nuclear bomb tests and earthquakes is needed. This effort is simply a beginning.

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Editor's Postscript:

A couple of questions can be asked from a study of the data supplied in Gary Whiteford's article:

(1) Do the superpowers now have the capability of conducting a form of 'earthquake warfare' as a result of their nuclear bomb tests?

(2) Conversely, are the superpowers using nuclear bomb tests to prevent 'super earthquakes' of magnitude 8.0 or greater on the Richter scale? While it is true that the average number of medium-sized earthquakes (size 6.0 to 6.5 on the Richter scale) has tripled since nuclear testing began, the number of 'super quakes' has fallen.

Just before we go to print with this issue, France has detonated the first in its latest series of underground nuclear tests at Mururoa Atoll, on 6 September. So far, since then, four earthquakes of magnitude 5.5 or greater have struck, as follows:

- 8 September, Southern East Pacific Rise: Lat. 56.2°S, Long. 122.0°W, magnitude 5.7 at 00 27 49.2 hours UTC.

- 8 September, Southern East Pacific Rise: Lat. 56.1°S, Long. 122.0°W, magnitude 6.3 at 01 15 29.3 hours UTC (not considered an aftershock, as far as we can tell from the data).

- 8 September, off the coast of Chiapas, Mexico: Lat. 14.9°N, Long. 94.2°W, magnitude 5.5 at 17 25 49.1 hours UTC.

- 9 September, Northern Chile: Lat. 20.2°S, Long. 69.3°W, magnitude 5.6 at 20 58 40.2 hours UTC.

Although this article has dealt with the relationship between earthquakes and nuclear bomb tests, several more alarming effects are linked to nuclear tests:

- In 1974, a scientist at the National Center of Atmospheric Research, Dr Matsushita, discovered that both the magnetic field of the Earth and the ionosphere were disturbed for 10 days to two weeks

after an underground nuclear test. In 1977 he was forbidden by the US Government from taking measurements for two weeks after a test. His work was classified shortly thereafter.

- According to data from Tokyo University Aerospace Institute's satellite, *Taiyo*, nuclear testing has caused the temperature of the Earth's exosphere (outermost portion of the atmosphere, approx. 300 to 600 miles above the Earth) to rise abnormally by from 100° to 150°C.

- The satellite also showed that nuclear testing is the cause of abnormal polar motion of the Earth. The normal polar movement, which makes a revolution every 430 days, is called the "Chandler Cycle". In other words, the position of the pole shifts radically at the time of nuclear explosions.

(Sources: *Wildfire Magazine*, vol. 3, no. 3, Winter 1988, vol.4, no. 4, Spring 1989; *Pulse of the Planet*, Spring 1989)

Table 17: Killer Earthquakes, 1951 to 1988, Matched with Nuclear Tests (five-day period)

# Tests Per Year	Nuclear Test Date	Earthquake Date	Location	Magnitude	Deaths	Test/Quake Match?
17	1953: Mar. 17	Mar. 18	NW Anatolia	7.2	1,200	yes
33	1956: Jun. 6-16 (5 separate tests)	Jun. 10-17	Kabul, Afghanistan	7.7	2,000	yes
54	1957: —	Jul. 2	Iran	7.4	2,500	no
	1957: Dec. 9	Dec. 13	Iran	7.2	2,000	yes
3	1960: —	Feb. 29	Agadir, Morocco	5.8	12,000	no
	1960: —	May 22	Arauco, Chile	>8.3	5,000	no
145	1962: Sep. 1	Sep. 1	Buyin-Zara, Iran	7.1	13,000	yes
47	1963: —	Jul. 26	Skopje, Yugoslavia	6.0	1,100	no
67	1966: Aug. 19	Aug. 19	Varto, Turkey	6.9	2,600	yes
64	1968: Aug. 27, 29	Aug. 31	Dasht-e-Bayaz, Iran*	7.4	12,000	yes
61	1970: Mar. 26, 27	Mar. 28	Gediz, Turkey	7.4	1,100	yes
	1970: May 28, 30	May 31	Chimbote, Peru	7.7	68,000	yes
46	1972: Apr. 11??	Apr. 10	Iran	6.9	5,100	??
	1972: Dec. 21	Dec. 23	Managua, Nicaragua	6.2	5,000	yes
46	1974: Dec. 27	Dec. 28	Pattan, Pakistan	6.3	5,200	yes
38	1975: Sep. 6	Sep. 6	Lice, Turkey	6.8	2,300	yes
45	1976: Feb. 4 (2)	Feb. 4	Guatemala City	7.5	23,000	yes
	1976: —	May 6	Italy	6.5	1,000	no
	1976: July 27	Jul. 28	Tangshan, China	8.2	800,000	yes
	1976: —	Aug. 17	Mindanao, Philippines	7.8	5,000	no
	1976: Nov. 23 (2)	Nov. 24	Eastern Turkey	7.9	5,000	yes
46	1977: —	Mar. 4	Bucharest, Romania	7.5	1,600	no
59	1978: Sep. 13, 15	Sep. 16	Tabas, Iran	7.7	25,000	yes
55	1979: —	Dec. 12	Colombia-Ecuador	7.9	800	no
55	1980: Oct 8	Oct. 10	Al Asnam, Algeria	7.3	4,500	yes
	1980: —	Nov. 23	Naples, Italy	7.2	4,800	no
57	1982: Dec. 10	Dec. 13	Dhamar, N. Yemen	6.0	2,800	yes
57	1983: Oct. 26	Oct. 30	Posinier, Turkey	7.1	1,300	yes
35	1985: —	Sep. 19	Mexico City	7.9	10,000	no
24	1986: —	Oct. 10	El Salvador	5.4	1,000	no
40	1988: Nov. 5	Nov. 6	Burma, China	7.3	1,000	yes
	1988: Dec. 4	Dec. 7	Armenia, USSR	6.8	60,000	yes

— FLUORIDATION —

Mind Control of the Masses?

Fluorine-based compounds in pharmaceuticals and chemicals are known to have deadly side-effects, yet vested interests in big business and government persist in poisoning the environment as well as our minds and bodies.

Part 2

by Ian E. Stephens

Extracted with permission from his 1987 self-published booklet

***The Dickinson Statement:
A Mind-Boggling Thesis***

A MULTINATIONAL CAN OF WORMS

The link between Colgate and 'mind control' was mentioned earlier. That company's reputation with fluoride as a toothpaste ingredient is a promotional legend, particularly in Kenya where a ban on the TV advertising of fluoridated toothpaste produced some extraordinary pecuniary persuasion from Colgate in attempts to preserve the status quo for the company's benefit.

When official fluoridation corruption was exposed in New Zealand, a 'scientific study' was hurriedly executed to try to justify the original government/industry claims and repair the damage done to the fluoride empire. The accreditation appended to that study is reproduced here, with emphasis added:

"ACKNOWLEDGEMENTS"

"We are grateful to the Director and staff of the Division of Dental Health, Department of Health, for the administrative and logistic support in the Auckland area. In particular we wish to mention Supervising Dental Nurses R. Patchett and K. Hyde, and assistant V. Clarke for their excellent arrangements and help in contacting, screening, and arranging the transportation of children to the examination centres. Mr Garth Stewart, bus driver, contributed much above and beyond his normal duties. The tremendous help and co-operation from principals and staff of all schools is most appreciated.

"Financial support for this study was provided by the Colgate Palmolive Company (NZ)."

Earlier, the name Kellogg was tied into the I. G. Farben corporate machinations. The words below are reproduced from the cover of a recent World Health Organisation (WHO) publication advocating fluoridation/fluorides, *Appropriate Use of Fluorides for Human Health* (underlining added): "Published under the joint sponsorship of the International Dental Federation, the W. K. Kellogg Foundation, and the World Health Organisation."

The intertwining, overlapping, interlocking co-incidence between erstwhile I. G. Farben companies and the continuing degradation of human health, our ecology and environment in exchange for the corporate dollar is virtually endless. But simply, as one example, the Nestlé Company, once accused of selling nutritionally barren milk formula to third-world babies, has recently been found guilty of marketing "Pure Apple Juice" which was anything but "pure" and had never been anywhere near an apple.

The Nestlé Company has been nominated by *The Ecologist* as one of several multinational companies involved in the destruction of "the lungs of the Earth", the Brazilian rainforests.

IT REALLY GETS IN!

The following pages make a slight transition from historically recorded fact and logic to indisputable fact, biochemical fact and medical literature fact.

The pharmaceutical nomenclature and biochemical data involve fluorine/fluorides, with or without other ingredients, in virtually every phase of mind and behaviour control from mild sedation through 'controlled' unconsciousness to death.

'Side-effects' of all drugs have in common the 'paradoxical' characteristic of having an effect, on some individuals, exactly opposite of that which was the intentional effect, converting, for example, a tranquilliser into a potent stimulant, and thus the consumer from a 'pussy cat' into a slaving maniac.

Think back to the dosing of service personnel who are trained to hunt, maim and kill their fellow man while under the influence of this or other forms of chemical behaviour-control, and consider the possible reaction of such 'trainees' when discharged into the mainstream of society.

Are any of the terrorist activities around the globe, including the otherwise inexplicable recent happenings in Australia, the grim result of such biochemical paradox?

FLUORIDATED PROPELLANTS AND REFRIGERANTS

Fluoridated Hole in the Ozone Layer

Halogenated hydrocarbons (sometimes called fluorocarbons or, when the name of the weapon must be changed to protect the guilty, just CFCs) are too numerous to list, being over 150 in number. In 'asthma' sprays, the warning exists in all product literature (available only to the doctor, not to the patient): "Excessive use of such inhalers or abuse of any aerosol propellant may result in toxic effects on the heart, and deaths have been reported." (Remember the term "anti-cholinergic".)

Another stark warning from 'restricted distribution' literature: "Abuse. Of 110 deaths associated with the 'sniffing of solvents' between 1962 and 1969, fifty-nine were related to the use of fluorinated aerosol propellants."

The most frequently used fluorides under this heading (with their identifying numbers in parentheses) are:

- 1—Trichlorofluoromethane (11)
- 2—Dichlorodifluoromethane (12)
- 3—Chlorotrifluoromethane (13)
- 4—Tetrafluoromethane (14)
- 5—Dichlorofluoromethane (21)
- 6—Chlorodifluoromethane (22)
- 7—Tetrachlorodifluoromethane (112)
- 8—Trichlorofluoroethane (113)
- 9—Dichlorofluorotetraethane (114)
- 10—Chloropentafluoroethane (115)
- 11—Difluoroethane (152a).

The side-effects of exposure to these fluorides, ranging from the 'more common' to the 'rarely reported' are as follows: cardiac toxicity (or heart injury), respiratory depression (or breathing difficulty), bradycardia (or slowed pulse rate), convulsions (or central nervous system effects), psychomotor aberrations (or brain dysfunction), transient sedation (or heart and lung effects), ataxia (or brain problems), irritation of the upper respiratory tract, rise/fall in blood pressure, apnoea (or impaired lung function damage), tachycardia (or increased pulse rate), broncho-constriction (or asthma), palpitations (or irregular heartbeat), narcosis (or brain 'drugging' again), and death.

All of the above 'side-effects' are associated with either the acute or the chronic symptoms of "anti-cholinergic" toxicity. And there is that word "anti-cholinergic" again.

With a sufficient amount of these fluorocarbons (CFCs) being used (in the 'aerosol' form alone) to threaten the world's atmospheric and climate conditions through deterioration of the ozone layer, it is not remarkable that this volume represents an environmentally hazardous anti-cholinergic (or anti-metabolic, ganglion-blocking) agent for all humanity.

Discharges from certain industrial processes carry substantial amounts of gaseous fluoride. In particular, hydrogen fluoride,

when washed from the atmosphere by rain, forms a solution of hydrofluoric acid (0.7 p.p.m. in Mojave Desert rainfall and 0.3 p.p.m. in Siberian snows), so these anti-cholinergic discharges offer an additional threat by contributing to the fluoridated hole in the ozone layer.

One must assume it is owing to the enormous economic impact of this decaying ozone on the causal industries that sources of culpable industrial discharges have not featured in the current spate of international scientific concern nor in the records of the world's atmospheric/climatic monitors.

As an example of administratively approved industrial output, the first stage of the Portland (Victoria, Australia) smelter was issued with a pollution licence to discharge to the environment 70 tonnes per year of fluoride in gaseous and particulate forms. It is possible that this amount has been greatly exceeded because no monitoring of the discharges has thus far been executed.

Within a short 12 months after start of smelting operations, an unknown but allegedly high number of pot-room workers at the smelter acquired "pot-room asthma"—a convenient euphemism for anti-cholinergic respiratory damage.

... every Australian city with or without fluoridated water supplies has as much as doubled the number of registered dentists since the advent of fluorinated toothpaste, fluorinated gels and fluorinated rinses.

FLUORINATED PHARMACEUTICALS

Fluoridated Income Generation

In an effort to increase the bio-availability of the remedial ingredient or ingredients, many pharmaceutical products are halogenated. There are still many chlorinated and a few brominated products designed as nostrums for human disease states. Of recent years, the catalogue of fluorinated pharmaceuticals has doubled and redoubled until any representative listing would be beyond the scope of this paper.

The proclaimed intention of the pharmacist in fluorinating a product is to enhance still further its metabolic activity and therefore its alleged remedial qualities. For example, fludrocortisone acetate has glucocorticoid actions about 15 times as potent as hydrocortisone (unfluorinated), and mineralocorticoid effects more than 100 times as potent.

But, in potentiating the remedial effect, the undesirable side-effects are also worsened and the 'therapeutic' industry gets an income from two sources: from treating the original disease condition and, subsequently, from repairing the iatrogenic effects of the initial drug treatment.

Literature quote: "Muscular weakness is an occasional side-effect of most corticosteroids [hormones]...most evident with (1) fludrocortisone and (2) triamcinilone [both fluorinated hormones]. It has been suggested that this effect is more pronounced when a fluorine atom is present in the 9th position."

A useful example here is fluorinated toothpaste which has the long-term effect not of improving dental health but, by chronic anti-metabolic processes, of severely destroying it. Thus every Australian city with or without fluoridated water supplies has as much as doubled the number of registered dentists since the advent of fluorinated toothpaste, fluorinated gels and fluorinated rinses.

Or take the more extreme example of little Jason Burton who had non-prescription fluorinated dental decay-prevention tablets (sodium fluoride) provided for him by loving parents who were in total ignorance of their fluoride toxic hazard. Jason ingested a lethal dose of these tablets and died. We only know about Jason

because the doctor recognised accurately and conscientiously registered the cause of his death. The existence of the death certificate has actually been denied by pro-fluoride Australian 'scientists' in reply to queries from overseas scientists.

It should be clear from the foregoing and what follows that human disease conditions, ranging from "pot-room asthma" through the various perilous stages of anti-cholinergic response to expiration, can be accidentally or deliberately induced by an interminable list of fluoride pollution and fluorinated compounds which include a fluorinated environment, fluorinated atmosphere and a fluorinated drinking water supply.

It may be difficult for the 'man in the street' to believe that a substance with so many industrial, commercial and medical 'applications' could be derived from or structured around a scientifically recognised toxic waste product. (See reproduction of US EPA letter, NEXUS 2/27). This thesis should illustrate that the chemical, pharmaceutical, commercial and political worlds are well aware of the deadly potential of this halogen and intend to exploit that potential to everlasting human detriment.

FLUORINATED TRANQUILLISERS

Fluoridated Acquiescence, Lethargy, Apathy, Stupidity

There are two basic forms of halogenated tranquilliser: major and minor. The minor tranquillisers are halogenated with either chlorine or bromine. The major tranquillisers, albeit of variable potency, are those numerically listed hereunder and are all fluorinated. All are anti-cholinergic agents with intentional effects on central nervous systems allied with cardiac and respiratory depression. The figure after the hyphen is the number of proprietary products in each classification, in addition to the base chemical (in capitals).

- 1-3 BENPERIDOL: Anquil, Frenactil, Glianimon
- 2-4 DROPERIDOL: Droleptan, Dridol, Inapsin, Inapsine
- 3-1 FLUANISONE: Sedalande
- 4-1 FLUBUPERONE HYDROCHLORIDE: Buronil
- 5-1 FLUNITRAZEPAM: Rohypnol
- 6-3 FLUOPROMAZINEH: Psyquil, Siquil, Vesprin
- 7-1 FLUOESONE: Bripidan
- 8-1 FLURBIPROFEN: Froben
- 9-0 FLOPENTHIXOL DECANOATE
- 10-3 FLOPENTHIXOL HYDROCHLORIDE: Depixel, Fluanaxol, Emergil
- 11-0 FLUPHENAZINE DECANOATE
- 12-0 FLUPHENAZINE ENANTHATE
- 13-11 FLUPHENAZINE HYDROCHLORIDE: Modecate, Moditen, Anatensol, Dapotum, Lyogen, Omca, Pancinol, Siqualone, Permitil, Prolixin, Sevinol.

Notes: No. 5, FLUNITRAZEPAM (Rohypnol), which is fluorinated Valium, was recently prescribed for a youth in Western Australia and was blamed for his subsequent death.

Valium (Diazepam) was the "tranquilliser most involved" in road accident victims, according to a study carried out by Sydney University (Prof. Graham Starmer, *Quantum*, 26 April 1988). An obvious question: What aggravated effect would the increased potency of the fluorinated variety (Rohypnol) have on the road fatalities?

Rohypnol and Valium are proprietary names of Roche products. Roche was a Swiss member of the I. G. Farben cartel and is probably more infamous for the terrible Stanley Adams family tragedy

accurately immortalised in the film, *A Song for Europe*.

The ABC TV program, *7.30 Report* (12 May 1988), told how the Western Australian penal system routinely administered both Serapax and Rohypnol (synergistic drugs) to prisoners to "make them into little robots most of the time"—including, it was alleged, throughout pregnancy.

14-2 FLURAZEPAM HYDROCHLORIDE: Dalmane, Dalmadorm

15-2 FLUSPIRILINE: Redeptin, Imap

16-2 HALOPERIDOL: Haldol, Serenace

17-1 PENFLUORIDOL: Semap

18-2 PIPAMPERONE: Dipiperon, Propitan

19-18 TRIFLUOPERAZINE HYDROCHLORIDE: Amylozine Spansules, Stelabid Elixir, Stelabid Forte tabs, Stelazine, Eskazine, Calmazine, Chemflurazine, Clinazine, Fluazine, Novofluazine, Pentazine, Solazine, Trifluoper-Ez-Ets, Triflurin, Jatroneural, Terfluzin, Terfluzine

20-0 TRIFLUPERIDOL

21-2 TRIFLUPERIDOL HYDROCHLORIDE: Triperidol, Psicoperidol.

**This is a total of 21
fluorinated tranquillising
compounds plus an additional
58 brand-name major
tranquillisers using a fluoride
as an ingredient.**

This is a total of 21 fluorinated tranquillising compounds plus an additional 58 brand-name major tranquillisers using a fluoride as an ingredient. Undoubtedly many others have been added to this list since the reference work was published in June 1977.

Relevant Footnotes:

Florida International University (Rotton, Tikovsky and Feldman) showed that: "...minute amounts (0.45 p.p.m.) of sodium fluoride solution...impair visual sensorimotor performance" with a consequent slowing down in mental and physical reaction times (sedative or tranquillising effect) (*J.A.P.*, vol. 67:2). This finding is of relevance when driving or operating machinery, if of no other consequence. Nevertheless, attempts over a number of years to draw the attention of those authorities allegedly concerned with driver/industrial safety, have been met only with silence or obstruction.

Early in 1987, Swedish researchers linked tranquillisers to birth defects, nominating (in *Lancet*) the drug benzodiazepine (Diazepam or Valium) as a particular culprit.

FLUORINATED ANAESTHETICS

Fluoridated Unconsciousness

(The penultimate in mind and behaviour control)

As with fluorinated tranquillisers, there are a number of anaesthetics halogenated with chlorine and bromine. The 'popular' modern anaesthetics are those listed here, which are all fluorinated. Once again, all are anti-cholinergic agents with intentional, designed effects on central human nervous systems, accompanied by cardiac and respiratory depression.

1—FLUOXENE

2—ISOFLURANE: Forane

3—METHOXYFLURANE: Penthrane

4—ENFLURANE: Ethrane

5—HALOTHANE: Fluorothane, Somnothane.

Note: There are scientific studies which demonstrate that the progeny of anaesthetists have a higher rate of birth defect than does the general community. A significant statistic in the established perinatal (SIDS) mortality/fluorine connection.

Continued on page 65

The Council on Foreign Relations

Right Arm of the Secret Government?

*With the CFR's
history of
obsessive secrecy,
dubious
connections and
questionable
policies, is it any
wonder that
'patriot' groups
are paranoid about
the 'New World
Order'?*

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Long before the catastrophic bombing of the Alfred P. Murrah federal building in Oklahoma City, USA, on 19th April 1995, and its attendant frenzy over "militia" groups, one fact was evident. President Bill Clinton and many of his associates—along with some of the most prominent media personalities in the world—had one thing in common: membership in the Council on Foreign Relations (CFR).

Clinton is joined as a CFR member by Secretary of State Warren Christopher; the Pentagon's former Chairman of the Joint Chiefs of Staff, Gen. Colin Powell; and financier David Rockefeller.

The brightest and richest media celebrities also dot the CFR roster:

- Roone Arledge of ABC, architect of many Olympic telecasts as former executive producer of ABC Sports.
- Diane Sawyer, the former *60 Minutes* reporter who jumped ship from CBS to ABC, buoyed by a US\$6 million-per-year contract drafted by Mr Arledge.
- Dan Rather, long-time anchor for CBS News.
- Robert L. MacNeil and Jim Lehrer, whose acclaimed *MacNeil-Lehrer News Hour* has long been a PBS fixture.
- Tom Brokaw, NBC News anchor.
- David Brinkley, long-time NBC News commentator and host of his own Sunday news program.
- Katharine Graham, publisher of *The Washington Post*.

CFR involvement in media reaches to the highest levels of academia as well. At the Association for Education in Journalism and Mass Communication (AEJMC) conventions the last two years in Atlanta, GA, and Washington, D.C. respectively, CFR member Everett E. Dennis has chaired and monitored several crucial panels and discussion groups. Dennis heads the Freedom Forum's Media Studies Center in New York. The Freedom Forum is the 'charitable' arm of Gannett Corp. which publishes the controversial national newspaper, *USA Today*.

Esteemed statesmen and women have long been CFR members. Dr Henry Kissinger, the breakthrough Secretary of State for the Nixon administration in the late 1960s and '70s, and former United States delegate to the United Nations, Jeane Kirkpatrick, are listed as key CFR players. This is not to mention the current US representative to the UN, Madeleine Albright, whose arrogant push for a women's conference in China this year has resulted in turmoil between many women of the world and the Chinese government.

It appears, then, that membership in the Council on Foreign Relations can definitely enhance one's career, whether it be in academia, politics, high finance or media.

However, most people do not even know the CFR exists. Even fewer know about the organisation's secretive policies and dubious history. It might be a good idea for every American to own a copy of the CFR's latest annual report, which contains within it many contradictions and much misleading information about the CFR's actual role in formulating American and international foreign policies.

For example, at the 1994 overpopulation conference in Cairo, Egypt, leader of the US delegation was CFR member and Deputy Secretary of State Timothy E. Wirth, whose group championed the near-militant pro-abortion population-control program backed by the Clinton administration and heatedly challenged by the Vatican. Population control has long been a CFR priority, and a pet project of the Rockefeller family. Many pro-choice groups in the US are heavily backed by the Rockefellers—who also control the CFR—and this fact was trumpeted over National Public Radio (NPR) by the few women at the conference who did not back the US-led abortion coalition.

These same frictions repeated themselves this year during the women's conference in China, only this time, militant CFR-coached women from all around the world descended on China and angered the Chinese authorities to no end. Like any government, the Chinese resent any outside organisation, such as the US government and the CFR, dictating terms to it in any form—whether the forum be women's rights, abuse in Chinese prisons as revealed by activist Henry Wu, or other internal Chinese matters. It seems to make little difference, however, to the hard-headed elites of the CFR.

On page 4 of the CFR's 1993 Annual Report, the following statement is made: "*The Council on Foreign Relation has no affiliation with the US government...*"

A more accurate rendering of that statement would be "...no 'official' affiliation with the US government", because almost all of President Clinton's recent and current cabinet members are also listed as CFR members. Commerce Secretary Ron Brown, presently under investigation for alleged wrongdoing; Whitewater victim Robert Altman, the Treasury Secretary who recently resigned; the aforementioned Secretary of State Christopher; recently resigned temporary White House counsel Lloyd Cutler; former Secretary of Defense candidate Bobby Ray Inman; recently appointed Supreme Court Justice Ruth Bader Ginsburg; and the late Les Aspin, a Secretary of Defense who also resigned in disgrace, are all CFR members.

To say, then, that the CFR "has no affiliation with the US government" is stretching the truth.

Another interesting statement is made on page 4: "*The Council takes no institutional position on issues of foreign policy...*"

Yet, on page 47, a description of the CFR's so-called "Studies Program" carries the following note: "*Studies activities strive to identify US global interests, analyze the factors that will affect them, and propose a wide range of realistic American policy options to address them.*" [Author's emphasis added.]

Well, which is it? Do we believe page 4 or page 47?

Diversity is not a CFR priority. Only 20 minority women are among the CFR's 3,000 members, but, curiously, many minority women appear in photos in the CFR's annual report! The deception is clear. Only roughly 10 per cent of CFR membership is composed of people of colour. Clearly, the membership and agenda of the CFR is Anglo. Plus, only US citizens are allowed to join, and they can only do so by being recommended by a present CFR member and exposed to a rigorous initiation process. The CFR is an insiders' group all the way.

The most glaring policy held by the CFR, however, is its obsession with secrecy. Most CFR activities take the form of meetings in which foreign diplomats can freely express their ideas to CFR members, with the understanding that all commentary will be withheld from the public and press. Page 140 reads:

"...Participants are assured that they may speak openly, as it is the tradition of the Council that others will not attribute or characterize their statements in public media or forums or knowingly

transmit them to persons who will." [Author's emphasis added.]

Violation of this "tradition" could mean immediate expulsion from the Council, according to Article II of CFR by-laws. It also means that members of the media in the CFR are forced to muzzle themselves, or face dismissal from the group.

Major summits of international importance are staged in secret. For example, according to CFR documents, the Middle East/North Africa Economic Summit was held in Casablanca on 30 Oct. to 1 Nov. 1994. The event was co-chaired by President Clinton and Russian President Boris Yeltsin. The CFR document went on to state:

"*At the start of a new era in the Middle East and North Africa, high-ranking statesmen, international business leaders and regional experts will convene to explore the region's economic and investment opportunities and risks, thereby providing a unique forum to share knowledge and experiences.*"

Not a word of this conference was mentioned in the mainstream press. If indeed Clinton and Yeltsin attended, they did so in complete secrecy. Curiously, soon after that "summit", things began to unravel in Rwanda and Burundi and massive slaughters began. Maybe these CFR gatherings ought to be more productive.

These and other questionable policies of the CFR also tend to camouflage a truly monstrous history, loaded with unexplained cosy affiliations with some of the most despotic ruling elites of the 20th century including Adolf Hitler and Josef Stalin.

The CFR was founded in the early part of this century. Page 4 of the 1993 Annual Report gives us the official reasoning:

"*The Council was founded in 1921 shortly after the end of World War I. Several of the American participants in the Paris Peace Conference decided that it was time for more private American citizens to become familiar with the increasing international responsibilities and obligations of the United States. They concluded that there was a need for an organisation able to provide for the continuous study of US foreign poli-*

cy for the benefit of its members and a wider audience of interested Americans. These original aims remain central to the mission of the Council on Foreign Relations." [Author's emphasis added.]

Sounds reasonable. But some analysts do not share that view. Now-deceased author Gary Allen in his landmark work, *None Dare Call It Conspiracy* (Concord Press, 1971), offered the following blunt assessment:

"*The admitted goal of the CFR is to abolish the Constitution and replace our once-independent Republic with a World Government.*"

Allen and other analysts suggest the CFR's efforts led to the formation of what is now known as the United Nations. Some CFR members in 1945—the year the UN was founded in San Francisco—included such nice guys as suspected pro-Soviet conspirator Owen Lattimore, convicted Communist spy Alger Hiss, and exposed Communist agent Harry Dexter White.

Some former CFR members have broken ranks and exposed the group's intentions. One of them is US Navy Rear Admiral Chester

Major summits of international importance are staged in secret. For example, the Middle East/North Africa Economic Summit held in Casablanca on 30 Oct. to 1 Nov. 1994, was co-chaired by President Clinton and Russian President Boris Yeltsin. Not a word of this conference was mentioned in the mainstream press.

Ward, who revealed to author Ralph Epperson in his book, *The Unseen Hand*, that:

"...the most powerful clique in these leftist groups [including the CFR] have one objective in common: they want to bring about the surrender of the sovereignty and the national independence of the United States... A second clique of international members of the CFR...comprises the Wall Street international bankers and key agents."

Since the UN's formation, it appears the CFR is prophetically making just such headway in establishing itself as a de facto world-governing body in conjunction with many international heads of state. Current CFR Chairman Peter G. Peterson boasts on Page 6 of the *1993 Annual Report*:

"...Nineteen ninety-two showed just how successful the Council has been... Its members lent their talents to each of the major national presidential candidates. A Council member was elected President of the United States. Our former Vice Chairman, Warren Christopher, returned to Washington as Secretary of State. Dozens of other Council colleagues were called to serve on cabinet and subcabinet positions..."

In another example of the CFR's deep involvement in US foreign and military policy, it has been disclosed that 40 CFR members were transported by CH-53 *Sea Stallion* helicopters to the Twenty-Nine Palms Marine Corps military installation in Southern California in March of 1994. The entire episode was routinely reported in the base newspaper by Cpl. M. T. Mink, whose story—a copy of which has been faxed to militia and 'patriot' groups—stated that the CFR delegation was granted a tour of the highly classified 1st Unmanned Aerial Vehicle Co. (1st UAV).

"The [CFR] visit was an excellent opportunity to display the training conducted aboard the Combat Center as well as the capabilities of the operating forces stationed here," bragged Brig. Gen. Russell H. Sutton, as quoted by Cpl. Mink. Why would the ultra-secretive CFR want to know these sensitive details about US military preparedness?

Curiously, two months later, a survey was given to Marines at Twenty-Nine Palms and ancillary units who served in Operations *Just Cause*, *Desert Storm* (Persian Gulf War) and *Restore Hope*. The troops could answer the survey's statements with "strongly disagree", "disagree", "agree", "strongly agree", or "no opinion". A copy of the survey was leaked by a concerned Marine to the John Birch Society. A group of military Special Forces commandos, known only as "The Resisters", has also garnered a copy of this survey and confirmed that it was not only given to these Marines but to Navy Seals as well. The Resisters maintain that the survey was presented to a wide variety of US troops to get their reactions to the stunning statement/questions, which included the following:

"36. US combat troops should be commanded by UN officers and non-commissioned officers (NCOs) at battalion and company levels while performing US missions."

"39. I feel the President of the United States has the authority to pass his responsibilities as Commander-in-Chief to the UN Secretary General."

"46. The US government declares a ban on the possession, sale, transportation and transfer of all non-sporting firearms. A thirty (30)-day amnesty period is permitted for these firearms to be turned over to the local authorities. At the end of this period, a number of citizen groups refuse to turn over their firearms. Consider the following statement: I would fire upon US citizens who refuse or resist confiscation of firearms banned by the US Government." [Author's emphasis added.]

This is interesting, especially in the light of the highly controversial federal crime bill of late 1994 that included a ban of so-

called "assault weapons", which matches the above statement's description of "non-sporting firearms".

By the way, the gentleman behind the recent sudden steep rises in interest rates that sledgehammered the US economy in late 1994 and early 1995—Alan Greenspan, head of the Federal Reserve Bank—is also a CFR member. So is Paul Volcker who also ran the Fed at one time. Everywhere, CFR members, for better or worse, appear to be the huge decision-makers. Even the US Department of Health and Human Services Secretary Donna Shalala—who, only two days before the Oklahoma City bombing, described Vietnam veterans as not being among the "best and the brightest" that America could have sent into that conflagration—is a dues-paying member of the Council on Foreign Relations.

...CFR membership has become a virtual requirement on most corporate or government résumés. The CEOs of Exxon, Texaco, Atlantic-Richfield (ARCO), Shell, Mobil and Tenneco are CFR members, as are the directors of John Deere & Co., AT&T, Chrysler Corp., General Motors, Ford Motor Co. and American Express.

In fact, CFR membership has become a virtual requirement on most corporate or government *résumés*. The CEOs of Exxon, Texaco, Atlantic-Richfield (ARCO), Shell, Mobil and Tenneco are CFR members, as are the directors of John Deere & Co., AT&T, Chrysler Corp., General Motors, Ford Motor Co. and American Express.

Should such financial and governmental power be monopolised in a single organisation? And who backs the CFR? Global conglomerates—such as the Coca-Cola Co., whose President and CEO Roberto Goizueta is a CFR member—top the list, along with the aforementioned oil companies and industrial giants of the capitalist West.

And if you work for a major university in the US, your pension contributions help sponsor the CFR. The nationally interlocked TIAA-CREF retirement fund is listed as a 1993 Corporate Member of the CFR.

Welcome to the club.

And if you are a member of the so-called "citizens' militia" groups sprouting across the country in the wake of the Branch Davidian massacre in Waco in 1993—and the more recent and far more destructive and disturbing Oklahoma City bombing—your paranoia over "one-world government" might not be so far-fetched after all.

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The Bitter Truth About ARTIFICIAL SWEETENERS

Aspartame sugar substitutes cause worrying symptoms from memory loss to brain tumours. But despite US FDA approval as a 'safe' food additive, aspartame is one of the most dangerous substances ever to be foisted upon an unsuspecting public.

Part 1

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THE MOST DANGEROUS FOOD ADDITIVE?

Aspartame is the technical name for the brand names *NutraSweet*, *Equal*, *Spoonful*, and *Equal-Measure*. Aspartame was discovered by accident in 1965, when James Schlatter, a chemist of G. D. Searle Company, was testing an anti-ulcer drug. Aspartame was approved for dry goods in 1981 and for carbonated beverages in 1983. It was originally approved for dry goods on 26 July 1974, but objections filed by neuroscience researcher Dr John W. Olney and consumer attorney James Turner in August 1974, as well as investigations of G. D. Searle's research practices, caused the US Food and Drug Administration (FDA) to put approval of aspartame on hold (5 December 1974). In 1985, Monsanto purchased G. D. Searle and made Searle Pharmaceuticals and The NutraSweet Company separate subsidiaries.

Aspartame is by far the most dangerous substance on the market that is added to foods. Aspartame accounts for over 75% of the adverse reactions to food additives reported to the US Food and Drug Administration (FDA). Many of these reactions are very serious, including seizures and death as recently disclosed in a February 1994 Department of Health and Human Services report.¹

A few of the 90 different documented symptoms listed in the report as being caused by aspartame include: headaches/migraines, dizziness, seizures, nausea, numbness, muscle spasms, weight gain, rashes, depression, fatigue, irritability, tachycardia, insomnia, vision problems, hearing loss, heart palpitations, breathing difficulties, anxiety attacks, slurred speech, loss of taste, tinnitus, vertigo, memory loss and joint pain.

According to researchers and physicians studying the adverse effects of aspartame, the following chronic illnesses can be triggered or worsened by ingestion of aspartame²: brain tumours, multiple sclerosis, epilepsy, chronic fatigue syndrome, Parkinson's disease, Alzheimer's disease, mental retardation, lymphoma, birth defects, fibromyalgia and diabetes.

Aspartame is made up of three chemicals: aspartic acid, phenylalanine and methanol. The book, *Prescription for Nutritional Healing*, by James and Phyllis Balch, lists aspartame under the category of "chemical poison". As you shall see, that is exactly what it is.

ASPARTIC ACID (40% OF ASPARTAME)

Dr Russell L. Blaylock, a Professor of Neurosurgery at the Medical University of Mississippi, recently published a book thoroughly detailing the damage that is caused by the ingestion of excessive aspartic acid from aspartame. Aspartic acid makes up 40% of aspartame; glutamic acid is 99% of monosodium glutamate (MSG). The damage MSG causes is also documented in Blaylock's book. Blaylock makes use of almost 500 scientific references to show how excess free excitatory amino acids such as aspartic acid and glutamic acid in our food supply are causing serious chronic neurological disorders and myriad other acute symptoms.³

HOW ASPARTATE (AND GLUTAMATE) CAUSE DAMAGE

Aspartate and glutamate act as neurotransmitters in the brain by facilitating the transmission of information from neuron to neuron. Too much aspartate or glutamate in the brain kills certain neurons by allowing the influx of too much calcium into the cells. This influx triggers excessive amounts of free radicals which kill the cells. The neural cell damage that can be caused by excessive aspartate and glutamate is why they are referred to as "excitotoxins". They "excite" or stimulate the neural cells to death.

Aspartic acid is an amino acid. Taken in its free form (unbound to proteins) it significantly raises the blood plasma level of aspartate and glutamate. The excess aspartate and glutamate in the blood plasma shortly after ingesting aspartame or products with free glutamic acid (glutamate precursor) leads to a high level of those neurotransmitters in certain areas of the brain.

The blood-brain barrier (BBB) which normally protects the brain from excess glutamate and aspartate as well as toxins (1) is not fully developed during childhood, (2) does not fully protect all areas of the brain, (3) is damaged by numerous chronic and acute conditions, and (4) allows seepage of excess glutamate and aspartate into the brain even when intact.

The excess glutamate and aspartate slowly begin to destroy neurons. The large majority (75%+) of neural cells in a particular area of the brain are killed before any clinical symptoms of a chronic illness are noticed.

A few of the many chronic illnesses that have been shown to be contributed to by long-term exposure excitatory amino acid damage include: multiple sclerosis (MS), ALS, memory loss, hormonal problems, hearing loss, epilepsy, Alzheimer's disease, Parkinson's disease, hypoglycaemia, AIDS dementia, brain lesions and neuroendocrine disorders.

The risks to infants, children, pregnant women, the elderly and persons with certain chronic health problems from excitotoxins are great. Even the Federation of American Societies For Experimental Biology (FASEB), which usually understates problems and mimics the FDA party-line, recently stated in a review that "it is prudent to avoid the use of dietary supplements of L-glutamic acid by pregnant women, infants, and children. The existence of evidence of potential endocrine responses, i.e., elevated cortisol and prolactin, and differential responses between males and females, would also suggest a neuroendocrine link and that supplemental L-glutamic acid should be avoided by women of childbearing age and individuals with affective disorders."⁴ Aspartic acid from aspartame has the same deleterious effects on the body as glutamic acid.

The exact mechanism of acute reactions to excess free glutamate and aspartate is currently being debated. As reported to the FDA, those reactions include⁵: headaches/migraines, nausea, abdominal pains, fatigue (blocks sufficient glucose entry into brain), sleep problems, vision problems, anxiety attacks, depression and asthma/chest tightness.

One common complaint of persons suffering from the effect of aspartame is memory loss. Ironically, in 1987, G. D. Searle, the manufacturer of aspartame, undertook a search for a drug to combat memory loss caused by excitatory amino acid damage.

Blaylock is one of many scientists and physicians who are concerned about excitatory amino acid damage caused by ingestion of aspartame and MSG. One of the many experts who have spoken out against the damage being caused by aspartate and glutamate is Adrienne Samuels, Ph.D., an experimental psychologist specialising in research design. Another is Dr John Olney, a professor in the Department of Psychiatry, School of Medicine, Washington University, a neuroscientist and researcher, and one of the world's foremost authorities on excitotoxins. (He informed Searle in 1971 that aspartic acid caused holes in the brain of mice.) Also includ-

ed is Francis J. Waickman, M.D., a recipient of the Rinkel and Forman Awards, and board-certified in paediatrics, allergy and immunology.

Other concerned scientists include John R. Hain, M.D., board-certified forensic pathologist, and H. J. Roberts, M.D., F.A.C.P., F.C.C.P., diabetes specialist and selected by a national medical publication as "the best doctor in the US". John Samuels is concerned, also. He compiled a list of scientific research sufficient to show the dangers of ingesting excess free glutamic and aspartic acid. And there are many more who can be added to this long list.

PHENYLALANINE (50% OF ASPARTAME)

Phenylalanine is an amino acid normally found in the brain. Persons with the genetic disorder phenylketonuria (PKU) cannot metabolise phenylalanine. This leads to dangerously high levels of phenylalanine in the brain (sometimes lethal).

It has been shown that ingesting aspartame, especially along with carbohydrates, can lead to excess levels of phenylalanine in the brain even in persons who do not have PKU. This is not just a theory, as many people who have eaten large amounts of aspartame over a long period of time and do not have PKU have been shown to have excessive levels of phenylalanine in the blood.

Excessive levels of phenylalanine in the brain can cause the levels of serotonin in the brain to decrease, leading to emotional disorders such as depression. It was shown in human testing that phenylalanine levels of the blood were increased significantly in human subjects who chronically used aspartame.⁶ Even a single use of aspartame raised the blood phenylalanine levels.

In his testimony before the US Congress, Dr Louis J. Elsas showed that high blood phenylalanine can be concentrated in parts of the brain, and is especially dangerous for infants and foetuses. He also showed that phenylalanine is metabolised much more efficiently by rodents than by humans.⁷

One account of a case of extremely high phenylalanine levels caused by aspartame was recently published in the *Wednesday Journal*, in an article entitled "An Aspartame Nightmare". John Cook began drinking six to eight diet drinks every day. His symptoms started out as memory loss and frequent headaches. He began to crave more aspartame-sweetened drinks. His condition deteriorated so much that he experienced wide mood swings and violent rages. Even though he did not suffer from PKU, a blood test revealed a phenylalanine level of 80 mg/dl. He also showed abnormal brain function and brain damage. After he kicked his aspartame habit, his symptoms improved dramatically.⁸

As Blaylock points out in his book, early studies measuring phenylalanine buildup in the brain were flawed. Investigators who measured specific brain regions and not the average throughout the brain noticed significant rises in phenylalanine levels. Specifically, the hypothalamus, medulla oblongata, and corpus striatum areas of the brain had the largest increases in phenylalanine. Blaylock goes on to point out that excessive buildup of phenylalanine in the brain can cause schizophrenia or make one more susceptible to seizures.

Therefore, long-term excessive use of aspartame may provide a boost to sales of serotonin reuptake inhibitors such as Prozac and drugs to control schizophrenia and seizures.

The excess glutamate and aspartate slowly begin to destroy neurons. The large majority (75%+) of neural cells in a particular area of the brain are killed before any clinical symptoms of a chronic illness are noticed.

**METHANOL, ALSO KNOWN AS WOOD ALCOHOL/
POISON (10% OF ASPARTAME)**

Methanol/wood alcohol is a deadly poison. Some people may remember methanol as the poison that has caused some 'skid row' alcoholics to end up blind or dead. Methanol is gradually released in the small intestine when the methyl group of aspartame encounters the enzyme chymotrypsin.

The absorption of methanol into the body is sped up considerably when free methanol is ingested. Free methanol is created from aspartame when it is heated to above 30°C (86°F). This would occur when an aspartame-containing product is improperly stored or when it is heated (e.g., as part of a 'food' product such as *Jello*).

Methanol breaks down into formic acid and formaldehyde in the body. Formaldehyde is a deadly neurotoxin. An EPA assessment of methanol states that methanol "is considered a cumulative poison due to the low rate of excretion once it is absorbed. In the body, methanol is oxidised to formaldehyde and formic acid; both of these metabolites are toxic." They recommend a limit of consumption of 7.8 mg/day. A one-litre (approx. 1 quart) aspartame-sweetened beverage contains about 56 mg of methanol. Heavy users of aspartame-containing products consume as much as 250 mg of methanol daily or 32 times the EPA limit.⁹

Symptoms from methanol poisoning include: headaches, ear buzzing, dizziness, nausea, gastrointestinal disturbances, weakness, vertigo, chills, memory lapses, numbness and shooting pains in the extremities, behavioural disturbances, and neuritis. The most well-known problems from methanol poisoning are vision problems, including misty vision, progressive contraction of visual fields, blurring of vision, obscuration of vision, retinal damage and blindness. Formaldehyde is a known carcinogen, causes retinal damage, interferes with DNA replication and causes birth defects.¹⁰

Due to the lack of a couple of key enzymes, humans are many times more sensitive to the toxic effects of methanol than animals. Therefore, tests of aspartame or methanol on animals do not accurately reflect the danger for humans.

As pointed out by Dr Woodrow C. Monte, Director of the Food Science and Nutrition Laboratory at Arizona State University, "There are no human or mammalian studies to evaluate the possible mutagenic, teratogenic or carcinogenic effects of chronic administration of methyl alcohol."¹¹

He was so concerned about the unresolved safety issues that he filed suit with the FDA, requesting a hearing to address these issues. He asked the FDA to "slow down on this soft-drink issue long enough to answer some of the important questions. It's not fair that you are leaving the full burden of proof on the few of us who are concerned and have such limited resources. You must remember that you are the American public's last defense. Once you allow usage [of aspartame], there is literally nothing I or my colleagues can do to reverse the course. Aspartame will then join saccharin, the sulfiting agents and God knows how many other questionable compounds enjoined to insult the human constitution with governmental approval."¹⁰

Shortly thereafter, the Commissioner of the FDA, Arthur Hull Hayes, Jr, approved the use of aspartame in carbonated beverages. He then left for a position with G. D. Searle's public relations firm.¹¹

It has been pointed out that some fruit juices and alcoholic beverages contain small amounts of methanol. It is important to remember, however, that methanol never appears alone. In every case, ethanol is present, usually in much higher amounts. Ethanol is an antidote for methanol toxicity in humans.⁹

The troops of *Desert Storm* were "treated" to large amounts of aspartame-sweetened beverages which had been heated to over 86°F in the Saudi Arabian sun. Many of them returned home with numerous disorders similar to what has been seen in persons who have been chemically poisoned by formaldehyde. The free methanol in the beverages may have been a contributing factor in these illnesses. Other breakdown products of aspartame such as DKP (discussed below) may also have been a factor.

In a 1993 act that can only be described as unconscionable, the FDA approved aspartame as an ingredient in numerous food items that would always be heated to above 30°C (86°F).

Due to the lack of a couple of key enzymes, humans are many times more sensitive to the toxic effects of methanol than animals. Therefore, tests of aspartame or methanol on animals do not accurately reflect the danger for humans.

DIKETOPIPERAZINE (DKP)

Diketopiperazine (DKP) is a by-product of aspartame metabolism. DKP has been implicated in the occurrence of brain tumours. Olney noticed that DKP, when nitrosated in the gut, produced a compound which was similar to N-nitrosoarea, a powerful brain tumour-causing chemical. Some authors have said that DKP is produced after aspartame ingestion. I am not sure if that is correct. It is definitely true that DKP is formed in liquid aspartame-containing products during prolonged storage. See Chart 1 below.

I am not sure if that is correct. It is definitely true that DKP is formed in liquid aspartame-containing products during prolonged storage. See Chart 1 below.

**CHART 1:
Breakdown of aspartame and
L-phenylalanine methyl ester, DKP,
L-aspartylphenylalanine, and L-phenylalanine,
at bottling time, after six months,
and after thirty months***

	Date of Bottling	6 Months after Bottling	36 Months after Bottling
Aspartame	550.0 mg	155.34 mg	19.70 mg
L-phenylalanine methyl ester	0.0 mg	28.62 mg	13.01 mg
DKP	0.0 mg	135.66 mg	173.28 mg
L-aspartyl-phenylalanine	0.0 mg	158.31 mg	189.05 mg
L-phenylalanine	0.0 mg	42.22 mg	101.27 mg

(* From: Tsang, Wing-Sum, et al. (1985), "Determination of Aspartame and its Breakdown Products in Soft Drinks by Reverse-Phase Chromatography with UV Detection", *Journal of Agriculture and Food Chemistry*, vol. 33, no. 4, pp. 734-738.)

G. D. Searle conducted animal experiments on the safety of DKP. The FDA found numerous experimental errors occurred, including "clerical errors, mixed-up animals, animals not getting drugs they were supposed to get, pathological specimens lost because of improper handling" and many other errors.¹² These sloppy laboratory procedures may explain why both the test and control animals had 16 times more brain tumours than would be expected in experiments of this length.

In an ironic twist, shortly after these experimental errors were discovered, the FDA used guidelines recommended by G. D. Searle to develop the industry-wide FDA standards for Good Laboratory Practices.¹¹

DKP has also been implicated as a cause of uterine polyps and changes in blood cholesterol by FDA toxicologist Dr Jacqueline Verrett in her testimony before the US Senate.¹³

AILMENTS RESULTING FROM ASPARTAME

The components of aspartame can lead to a wide variety of ailments. Some of these problems occur gradually; others are immediate, acute reactions.

There is an enormous population of people who are suffering from symptoms contributed to by aspartame, yet they have no idea why herbs or drugs are not helping relieve their problems. There are other users of aspartame who appear not to be suffering immediate reactions to aspartame. But even these individuals are susceptible to the long-term damage caused by excitatory amino acids, phenylalanine, methanol and DKP. A few of the many disorders that are of particular concern to me include the following:

Birth Defects

Dr Diana Dow Edwards, a researcher, was funded by Monsanto to study possible birth defects caused by the ingestion of aspartame. After preliminary data showed damaging information about aspartame, funding for the study was cut off. A genetic paediatrician at Emory University has testified that aspartame is causing birth defects.⁷

In the book, *While Waiting: A Prenatal Guidebook*, by George R. Verrilli, M.D. and Anne Marie Mueser, it is stated that aspartame is suspected of causing brain damage in sensitive individuals. A foetus may be at risk for these effects. Some researchers have suggested that high doses of aspartame may be associated with problems ranging from dizziness and subtle brain changes to mental retardation.

Cancer (Brain Cancer)

In 1981, Satya Dubey, an FDA statistician, stated that the brain tumour data on aspartame was so "worrisome" that he could not recommend approval of *NutraSweet*.¹⁴ In a two-year study conducted by the manufacturer of aspartame, 12 of the 320 rats fed a normal diet and aspartame developed brain tumours, while none of the control rats had tumours. Five of the 12 tumours were in rats given a low dose of aspartame.¹⁵

The approval of aspartame was a violation of the Delaney Amendment which was supposed to prevent cancer-causing substances such as methanol (formaldehyde) and DKP from entering our food supply. The late Dr Adrian Gross, an FDA toxicologist,

testified before the US Congress that aspartame was capable of producing brain tumours. This made it illegal for the FDA to set an allowable daily intake at any level. He stated in his testimony that Searle's studies were "to a large extent unreliable" and that "at least one of those studies has established beyond any reasonable doubt that aspartame is capable of inducing brain tumours in experimental animals..." He concluded his testimony by asking, "What is the reason for the apparent refusal by the FDA to invoke for this food additive the so-called Delaney Amendment to the Food, Drug and Cosmetic Act?... And if the FDA itself elects to violate the law, who is left to protect the health of the public?"¹⁶

Footnotes:

1. Department of Health and Human Services, "Report on All Adverse Reactions in the Adverse Reaction Monitoring System", 25 and 28 February 1994.
2. Compiled by researchers, physicians, and artificial sweetener experts for Mission Possible, a group dedicated to warning consumers about aspartame.
3. Blaylock, Russell, M.D., *Excitotoxins: The Taste That Kills*.
4. Life Sciences Research Office, *Safety of Amino Acids*, FASEB, FDA Contract No. 223-88-2124, Task Order No. 8.
5. FDA Adverse Reaction Monitoring System.
6. Wurtman and Walker, "Dietary Phenylalanine and Brain Function", Proceedings of the First International Meeting on Dietary Phenylalanine and Brain Function, Washington, D.C., USA, 8 May 1987.
7. Hearing Before the Committee on Labor and Human Resources, First Session on Examining the Health and Safety Concerns of *NutraSweet* (aspartame), United States Senate.
8. Account of John Cook as published in: Mullarkey, Barbara, "How Safe Is Your Artificial Sweetener?", *Informed Consent* magazine, September/October 1994.
9. Monte, Woodrow C., Ph.D., R.D., "Aspartame: Methanol and the Public Health", *Journal of Applied Nutrition*, 36(1):42-53.
10. US Court of Appeals for the District of Columbia Circuit, No. 84-1153, *Community Nutrition Institute and Dr Woodrow Monte v. Dr Mark Novitch, Acting Commissioner, US FDA*, 24 September 1985.
11. Mullarkey, Barbara, "Aspartame Time Line", *Informed Consent*, May/June 1994.
12. FDA Searle Investigation Task Force, "Final Report of Investigation of G. D. Searle Company", 24 March 1976.
13. Testimony of Dr Jacqueline Verrett, FDA toxicologist, before the US Senate Committee on Labor and Human Resources, 3 November 1987.
14. Internal FDA memorandum.
15. Analysis prepared by Dr John Olney as a statement before the Aspartame Board of Inquiry of the FDA. Also, Blaylock, Russell, M.D., *Excitotoxins: The Taste That Kills*.
16. Congressional Record SID835:131, 1 August 1985.

Dr Diana Dow Edwards, a researcher, was funded by Monsanto to study possible birth defects caused by the ingestion of aspartame. After preliminary data showed damaging information about aspartame, funding for the study was cut off.

Continued in the next issue of NEXUS...

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— UK CROP CIRCLES —

Choice Selections from the 1995 Harvest

Still defying explanation, this year's series of crop formations reached new heights of beauty and complexity.

Here is our pick of the British crop from the summer of '95.

by Duncan M. Roads

Publisher/Editor, NEXUS Magazine

Sets of crop circle photographs and diagrams are available from:

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Are you sure we're not lost?" The question emerged from somewhere in the inky blackness a few yards behind me. I must admit I was beginning to wonder myself. "How could we be lost?" I thought. Here we are, the world-famous Indiana Jones archetype, David Hatchler Childress, and myself, a budding magazine publisher, in search of crop circles and sacred sites. We couldn't possibly be lost—our egos wouldn't allow that!

If the truth be known, we were looking for a pub. Ah, but this was no ordinary pub. It was the legendary Barge Inn, the 'Mecca' for crop circle buffs and sceptics alike from all over the world.

It was dark and getting late. If we didn't hurry, we wouldn't get more than one drink before closing time at 11 pm. "Don't worry," I said, sounding more cheerful than I actually felt. "I bet it's just around this next corner." I had been saying that for the last few miles (or so it seemed), while grumbling to myself that we should have brought the car instead of walked. Then suddenly, around the corner, there it was.

What a sight for sore eyes! Here, in what seemed the middle of nowhere, was a bustling, full car park, people everywhere, TV camera vans—and a beautiful old English pub in full bloom. I was dumbfounded. When we gathered our scattered wits and pushed our way inside, I was even more amazed. It reminded me of the bar scene in the *Star Wars* movie. There were all sorts of strange-looking people speaking all sorts of strange languages from all over the world, and they all had one thing in common: crop circles.

I hadn't realised how important these weird crop formations were to so many. Some people I spoke to come from Europe or the USA every year. Apart from the circle enthusiasts, practically all the well-known crop circle researchers, authors and photographers were there.

David and I found our way to a table of familiar faces: Herman Hegge from our NEXUS office in the Netherlands, along with author Filip Coppens (see his article on the Chinese Pyramids this issue), Herman's sister Yoke, and another researcher, Dorian Rooyackers.

Herman and Filip proceeded to point out the 'who's who' amongst the crowd: Busty Taylor, the famous aerial photographer; Michael Hesemann, well-known German *Magazin 2000* editor; author and film producer, George Wingfield; some famous sceptics whose names disappeared from my mind after the first drink; and many others who appeared to be taking turns to sit in front of a famous US current affairs TV camera crew.

Suddenly I realised that David and I were insignificant nobodies in this crowd! Still, the excitement was contagious and I soon found myself eagerly looking forward to the big Crop Circle Conference '95 to be held in Glastonbury, Somerset, in a couple of days.

I now present a basic summary of information that we gleaned from both our time at the Barge Inn and at the Conference itself:

(1) The crop formations occur each summer, growing in complexity but not necessarily in quantity.

(2) The crop formations that are not obvious hoaxes are non-duplicable; that is, despite many attempts, no one has been able to duplicate successfully virtually any of the formations found in the last few years.

(3) When one takes the seed from a plant 'flattened' in a crop formation, that seed will grow normally (vertically) for an inch or two, then will grow horizontally parallel to the ground. There is no known explanation for this.

(4) There is still no explanation as to who or what is causing these formations.

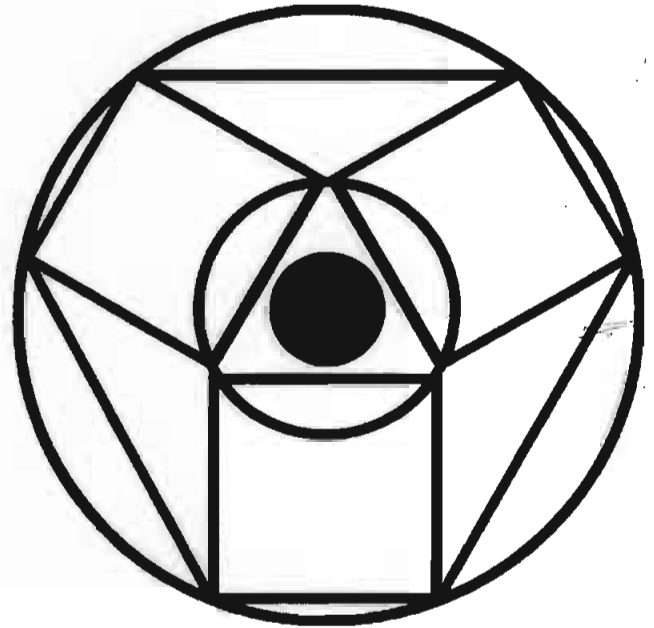
In the following pages we present just a few of the many amazing formations from the crop of 1995.

— The Crop of '95 —



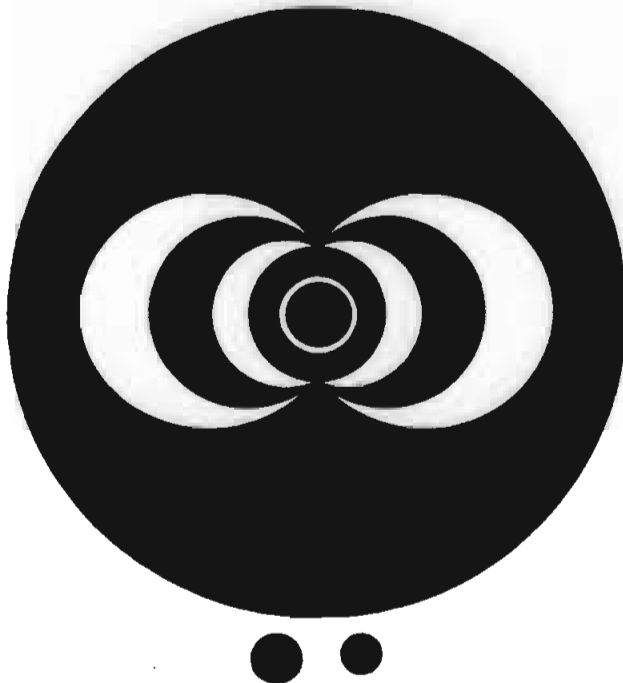
"SHIRIKEN"

Appeared in a wheat field during mid-July at Kingsclere, south-east of Newbury. It is over 100 feet in diameter.
Diagram © 1995 Peter R. Sørensen



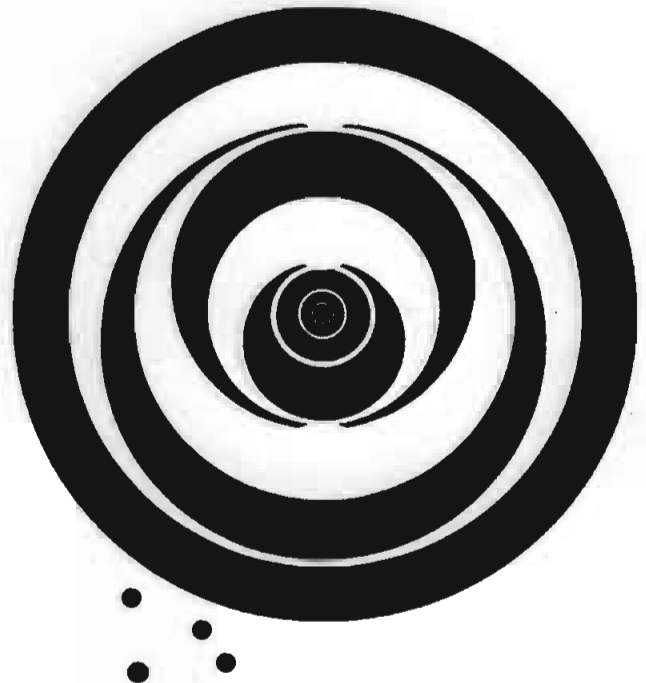
"VECTOR EQUILIBRIUM"

Appeared in a wheat field in Winterbourn Bassett. Estimated at over 150 feet in diameter. No date given.
Diagram © 1995 Peter R. Sørensen



"EARTH'S MAGNETIC FIELD"

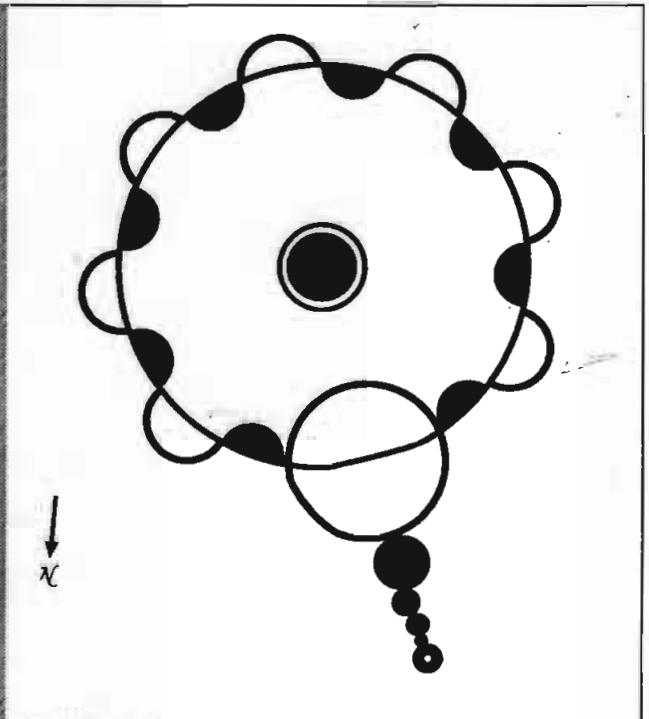
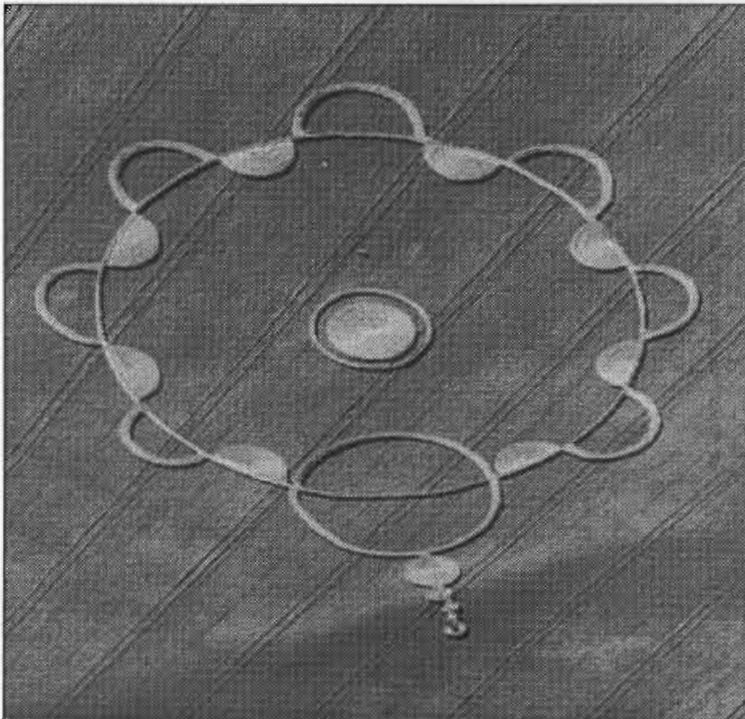
Found in mid-July in wheat in the vicinity of East Meon, south-east of Winchester, it is approx. 1100 feet in diameter.
Diagram © 1995 Peter R. Sørensen



"CYCLIC CRESCENTS"

A 100-foot-plus arrangement of crescents appeared in wheat in mid-July near East Meon, south-east of Winchester.
Diagram © 1995 Peter R. Sørensen

— The Crop of '95 —

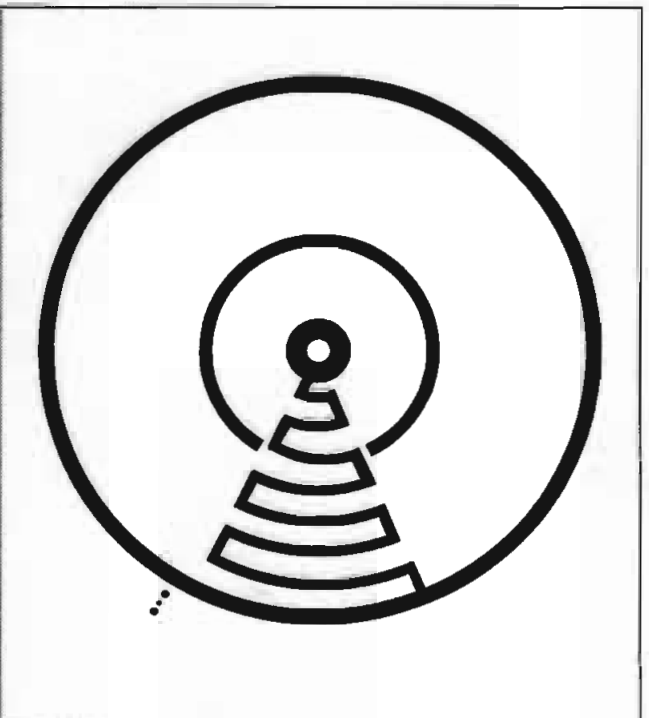
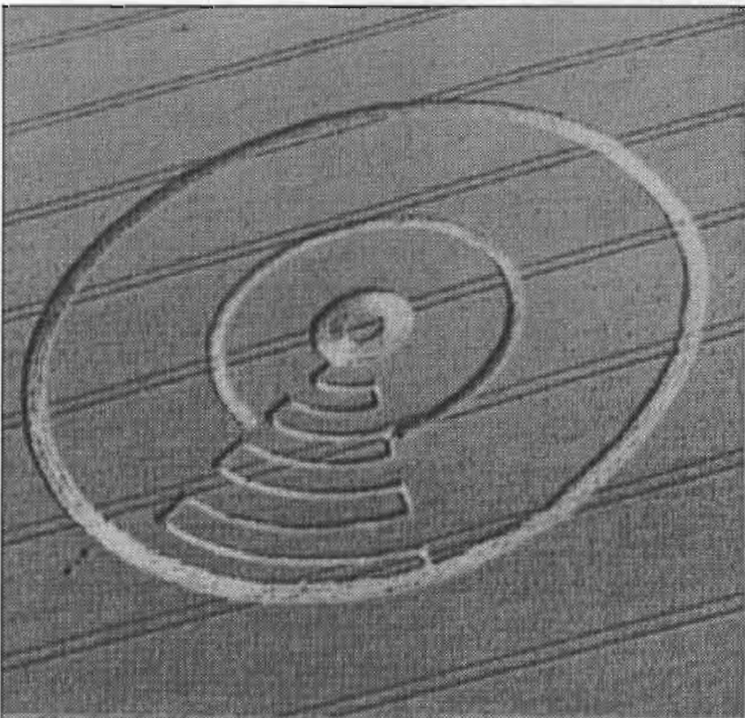


"JELLYFISH IN THE PUNCHBOWL"

This sprawling 300-foot-plus formation arrived on 4th July in a wheat field in the famous Punchbowl, south-east of Winchester. It has several elements in common with the "Danebury Thing" (see over page).

Photograph © 1995 Steve Alexander

Diagram © 1995 Peter R. Sørensen



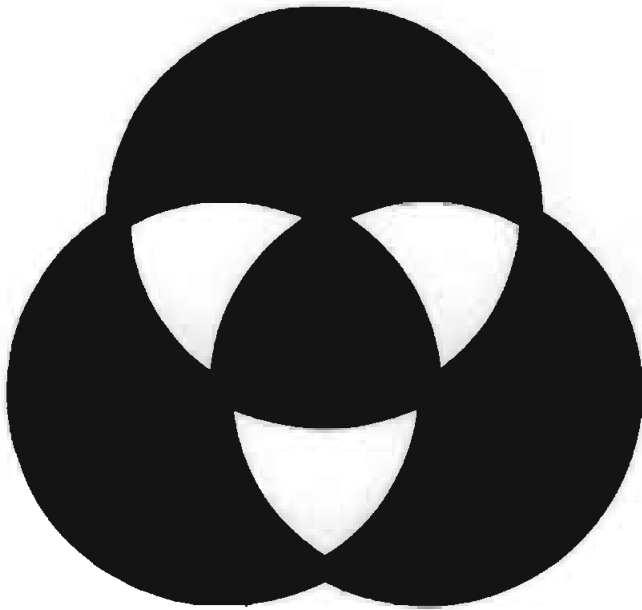
"ANDOVER MEANDER/RINGS"

This formation appeared on Monday morning, 19th June, in a wheat field on Cow Down, just south of Andover, Hants., and measured approx. 250 feet in diameter.

Photograph © 1995 Lucy Pringle

Diagram © 1995 Peter R. Sørensen

— The Crop of '95 —



"LARA'S 'BALLANTINE'"

Formed some time in late April at Hazel Down, south of Goodworth Clatford, in a field of canola.

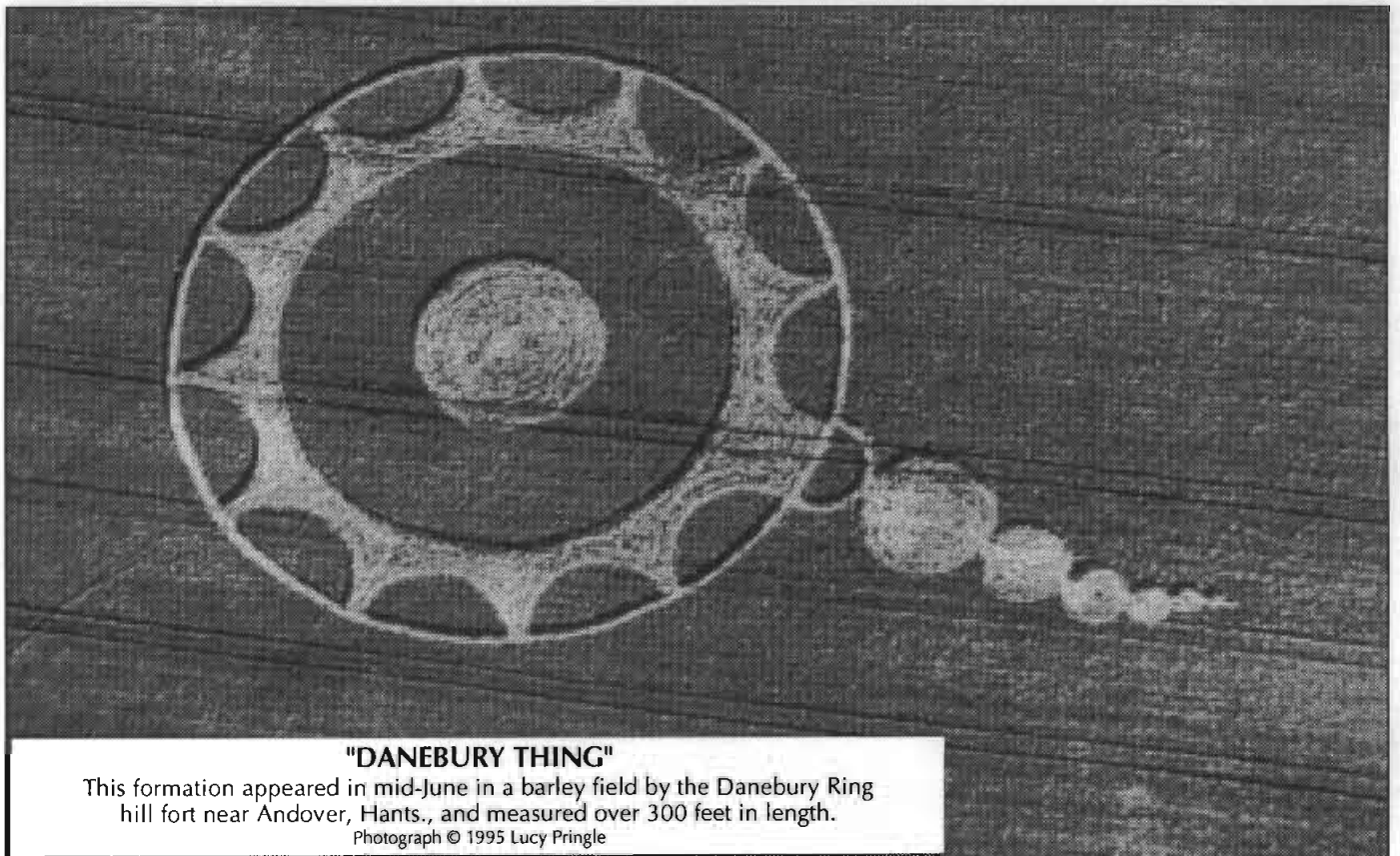
Diagram © 1995 Peter R. Sørensen



"QUINTUPLET SET OF QUINTUPLETS"

Discovered 12th June in barley on Telegraph Hill, south-west of Winchester, measuring over 200 feet in diameter.

Diagram © 1995 Peter R. Sørensen



"DANEbury THING"

This formation appeared in mid-June in a barley field by the Danebury Ring hill fort near Andover, Hants., and measured over 300 feet in length.

Photograph © 1995 Lucy Pringle

China's Great Pyramids Controversy

Despite speculation about the existence of great pyramids in China, archaeologists and bureaucrats have refused to consider even the rumours about such structures.

But recent pictorial evidence proves that China's pyramids are indeed real, rivalling those of Egypt and Central America for their age, size and significance.

In 1920, historian Henri Cordier wrote: *"China's ancient past is denied both to us and its population. Its grand past is slowly unveiled, similar to how Egypt's was revealed. Later on, one learned of buildings, standing stones and other monuments that were not mentioned by the Chinese historians (as part of their history)." The largest country in the world was, and is, largely there to be discovered. Though accepted as a great civilisation, its ancient treasures were barely known. One rumour spoke about pyramids that could be found in desolate areas.*

One such pyramid was photographed in 1947 by Col. Maurice Sheehan from a DC3 airplane. His story was printed in *The New York Times* in March of the same year. Sheehan stated it rose to about 300 metres, its sides 450 metres long. The next day, the *Los Angeles Daily Express* ran Sheehan's photograph. But a few days later, the Associated Press received a letter from the authorities of the province of Nankin, stating *"the existence of such pyramids is not backed up by evidence"*. That press release discredited Sheehan's story, as most authors and researchers believed Sheehan had exaggerated. French author Patrick Ferryn stated: *"the photographs do not reveal any markings that would allow us to measure the true dimensions. Its height was probably an incorrect estimate. It is probably a burial vault; it definitely looks like one."*

The 1950s and '60s had shown the world the existence of many 'ritual platforms' and 'artificial hills' in China, identical to pyramids in appearance except in terminology. 'Pyramids' have a magical appeal to many. Bruce Cathie also became interested in the Chinese pyramids and wrote on the subject in *The Bridge to Infinity*. Cathie reported that a member of the Chinese Embassy had officially informed him there were no such things as pyramids in the Shensi province: *"There are a few tumuli (burial hills), but no pyramids."* He knew nothing about the existence of pyramids in China.

A letter from Chinese authorities, dated 1 November 1978, addressed to Cathie, stated the scientists had learned that the so-called "pyramids" were burial tombs of emperors of the Western Han dynasty. *"Records give a different version of the emperors' lives. As the graves have not been scientifically analysed and no markings were seen on the ground, it is difficult to formulate conclusions."*

Still, there were historical records that spoke of pyramids. The head of the Ts'in-family, Che Houang-ti (the "Yellow Emperor", the first to hold that title), changed Chinese society dramatically. He built the Chinese Wall upon listening to an oracle that prophesied a "barbarian" would attack China. By 1974 the Emperor had again risen to popularity with the discovery of his subterranean mausoleum. It contained no less than 6,000 terracotta warriors that were stored in combat mode and believed to be intended as protection for the deceased Emperor in his new existence. Historian Sseuma Ts'ien (135-85 BC) wrote that this Emperor united China and destroyed all ancient writings as a sign of the new era that was born. Some old books were apparently saved, mainly in Taoist temples.

Che Houang-ti ordered 700,000 people to build him a pyramid at Lin-t'ong, between Hnan and Si-ngan. The "Segalen mission", a tour of China that Segalen made in 1913, measured the pyramid's height at 48 metres, encompassing five terraces. One side measured 350 metres, 120 metres longer than the side of Great Pyramid at Gizeh, Egypt. With 1,960,000 cubic metres, it is fourth largest pyramid in the world. The pyramid at Cholula, Mexico, and the two largest pyramids at the Gizeh plateau precede it.

The Emperor possibly died in 210 BC. When his treasures were stored in the pyramids, it was decided the workers would be sealed inside the pyramid so no one could reveal where the pyramid was situated. Plants were planted on its sides so the pyramid would eventually take on the appearance of a natural hill. Sseuma Ts'ien wrote that subterranean

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streams of lead engulfed the pyramid, the ceiling depicted the sky, and the ground showed the expanse of the Empire. Crossbows were aimed at trespassers—a burglar alarm which wasn't that successful, as General Hiang Yu was able to loot the pyramid in 207 BC.

The Segalen mission revealed more pyramids and tombs along the River Wei. These were dated to the Han period, following that of Emperor Che Houang-ti. As these were relatively recent pyramids, the scientists did want to entertain the notion that these "burial hills" might be "pyramids", but, as mentioned, there were rumours of taller and more ancient ones.

In 1912, Fred Meyer Schroder and Oscar Maman travelled to Shensi. They not only dealt in tobacco and candles but also supplied the Mongolians with weapons. Their guide along the Chinese-Mongolian border was a monk, Bogdo ("the holy one"), who told them they would soon stumble upon some ancient pyramids. Though he himself had never seen them, he knew some could be found around the old town of Sian-Fu. *"Mountains as high as the sky. They are no ordinary burial vaults, though emperors or empresses might be buried inside."* Bogdo knew seven pyramids had been discovered.

Schroder estimated the tallest one measured 300 metres high, its sides 500 metres long. This would mean this pyramid was the largest in the world, twice as large as the Great Pyramid at Gizeh. The volume was 20 times as large as the Great Pyramid at Gizeh. Both were built north-south/west-east.

When questioned, Bogdo believed it was at least 5,000 years old. Their ancient records claimed that even then the pyramids were "old".

"In the past, they were apparently partly covered with stones, but those have disappeared. A few stones lie at the bottom. It is an earthen pyramid, with giant gullies on its sides. They were the reason why the stones loosened and fell down. Its sides are now partially covered with trees and shrubbage. It almost looks a natural hill. We rode around the pyramid, but did not discover any stairways or doors."

When questioned, Bogdo believed it was at least 5,000 years old. Their ancient records claimed that even then the pyramids were "old".

A US Air Force map detailing the area around the city of Xian, made with the use of satellite photographs, shows at least 16 pyramids. Xian, the ancient Sian-Fu, presently inhabited by more than six million souls, is much older than Peking (Beijing). Once it was the capital of the Empire: it was recognised as the umbilicus of China's civilisation.

Hartwig Hausdorf and his company of fellow travellers landed



at the new Xian airport and, driving to the city and their hotel, saw one pyramid which stood along the road. It had been discovered a few years earlier, when Xian's airport was relocated and a road to the city was engineered.

This pyramid would not even be the icing on the cake for Hausdorf who was passionate about China's ancient history. In October 1994 he had climbed one pyramid and was able to count 20 more pyramids, all lying in the immediate vicinity. Yet, in March 1994 he had climbed that same pyramid and had seen only some of those pyramids. *"It's amazing how the weather in March didn't allow me to see those pyramids. In October it was perfectly clear weather, and more revealed themselves."*

Hausdorf is not really flabbergasted no one knew about the existence of such pyramids: *"China has still a lot of mysteries—even the local population quite often isn't aware of them. It's a small miracle I received the go-ahead to enter some 'no go' areas. I was, in fact, the only one who was granted such favours. I assume there are two reasons for this. I regularly visit China with a group of tourists. In 1993, I became acquainted with Chen Jianli, an avid researcher of his country's past. He assured me he would try and*

open a few doors inside the Chinese Ministry of Tourism. In fact, in March 1994 I was able to visit some former 'no go' areas in the Shaanxi-province. I passed around some copies of my German book, Die Weisse Pyramide (The White Pyramid), to the right

people. I talked to archaeologists who at first denied any pyramids existed, but finally recognised they did exist. I was most pleased when the same people gave me further permission to enter other 'no go' zones when I returned in October 1994. I never expected any of this would happen to me. But it seems it had to happen eventually. Following decades of rumour, someone had to clear the picture."

To detail his problems, in March 1994 Hausdorf met Professor Feng Haozhang (a prominent member of Beijing's academic circle), his assistant, Xie Duan Yu, and three col-

leagues. At first they denied the pyramids' existence. But when Hausdorf showed them three photos of three different pyramids, they caved in. Hausdorf described his encounter: *"It was as if I had entered a hive. The photographs I took in both March and October 1994 are the proof that squelched five decades of rumour. Most scientists denied the existence of pyramids in China. If any scientist still clings to that, show him my photographs."*

This pyramid would not even be the icing on the cake for Hausdorf who was passionate about China's ancient history.

In October 1994 he had climbed one pyramid and was able to count 20 more pyramids, all lying in the immediate vicinity.



Still, China will not give up all its mysteries that easily. Several pyramids probably remain undiscovered, their existence perhaps even unknown to the Chinese scientists.

One mystery, however, definitely lingers on. At the end of the Second World War, pilot James Gaussman had to adjust his course due to engine problems. He tried to reach his base in Assam, India, having dropped off supplies inside China. As he turned around one mountain-top, a giant pyramid rose in the valley in front of him. It was white, made out of metal or stone. According to Gaussman it would have fitted perfectly in any fairy tale. A jewel-like stone crowned its top. *"Though I wanted to set my plane on the ground and investigate, there was no way I could land it on that terrain."*

Gaussman flew three times around the structure, photographing the pyramid with the same camera with which he'd just photographed hostile troop movements. During his debriefing in Assam, he told his intelligence officer the world would be stunned when they learnt about that pyramid. *"There was nothing around it, just this pyramid in the middle of nowhere. I think it's extremely ancient. Who built it? Why? What's inside?"*

Hausdorf and all in search of the "White Pyramid" have never been able to rediscover it. Gaussman's photograph was developed and filed in a military archive where it remained for the next 40

years until Australian Brian Crowley published the photograph in his book, *The Face on Mars*.

Who built these pyramids? Bruce Cathie thinks he might know more. Using his harmonics, he believes there is a mathematical connection between the pyramids in China and the pyramids of Egypt. The number 16944 is present inside the Great Pyramid of Gizeh, he states, and there are 16944 minutes of arc between the longitude of the Great Pyramid at Gizeh and that of the tallest pyramid at Shensi. Their dispersal along the river reminds him of the placement of the pyramids in Egypt along the River Nile. Cathie believes that this shows the pyramids were built by the same people. He also wonders whether the decades-long silence surrounding the pyramids was to allow the Chinese scientists to discover whether such a connection did indeed exist.

Hartwig Hausdorf spoke to Professor Wang Shiping who believes the pyramids have an astronomic alignment and could be dated to 1,500-500 BC. Records of that time speak of the emperors descending from heaven in flying

dragons.

And so Hausdorf has stumbled upon another fairy tale, of emperors descending from heaven, which scientists think is impossible. Rest assured, Hausdorf will also try to find out whether that 'rumour' is real or not. ∞

Bruce Cathie believes there is a mathematical connection between the pyramids in China and the pyramids of Egypt. The number 16944 is present inside the Great Pyramid of Gizeh, he states, and there are 16944 minutes of arc between the longitude of the Great Pyramid at Gizeh and that of the tallest pyramid at Shensi.



The RadioWave-Cancer Connection

If radiowaves have been linked with cancer, should we allow our governments 'licence to kill' by continuing to control and overload the electromagnetic spectrum?

This is an article on electromagnetic fields and the potential health hazards associated with exposure to them. Author Dr Marjorie Lundquist, based in Milwaukee, Wisconsin, is a Ph.D. physicist and a certified industrial hygienist who has studied this issue for a number of years. Industrial hygiene is a 70-year-old profession devoted to the prevention of diseases resulting from exposure to hazardous environmental agents—originally, agents in the workplace. Although preventing disease in people exposed to electromagnetic fields is an industrial hygiene problem, no qualified industrial hygiene professional has ever been asked to solve this problem! Indeed, of the many organisations sponsoring evaluation of the data and reviews of the scientific literature, none has ever commissioned a qualified industrial hygiene professional to perform such a task! With Dr Lundquist's article, this is the first time that a specialist in prevention of environmental disease has addressed this issue. — ES

The United States began to be subjected to artificially-generated electromagnetic radiation on a large scale in the 1920s when commercial radio broadcasting began. The very first such station licensed in this country was KDKA in Pittsburgh, Pennsylvania. Westinghouse obtained the licence on 27 October 1920 and still operates the station today.

Every government licenses broadcast transmitters. The growth of commercial radio broadcasting can be traced simply by looking at the record of licences granted in the USA (originally by the US Department of Commerce, now by the US Federal Communications Commission). Commercial radio broadcasting grew explosively in the United States during the 1920s. By the end of 1921, the Department of Commerce had issued 32 broadcast licences. A year later, the number of applicants had exceeded 600. A whole new industry had been spawned. By 1923 there were 200 manufacturers of radio receivers in the United States, and 5,000 component-makers!

If one looks at the health data for the whole USA during this same period, one sees a curious jump in the nationwide incidence of childhood brain cancer that appears, for white children, to track rather closely the rise in commercial radio broadcasting. For non-white children there is a similar rise in childhood brain cancer—a rise of the same magnitude—but it is considerably delayed in time compared to the curve for white children.

Census data provide a clue that could explain the delayed rise in non-white children. In 1920 the overwhelming majority of the non-white population lived in rural areas. By contrast, a majority of the white population lived in urban areas even before the beginning of the 20th century!

The rise in childhood brain cancer in non-white children closely coincides with the rural-to-urban population shift of the non-white population which took place in the middle of the 20th century. The childhood brain cancer data therefore seem to indicate that a new hazardous agent had established itself in the urban—but not the rural—environment of the United States by 1930. This hazardous agent was able to affect large numbers of white children without delay because they were already present in the urban environment; but non-white children were not initially affected because they were concentrated in rural areas. However, as the shift of the non-white population from rural to urban areas took place, non-white children began to be affected, also; and when both populations were predominantly urban, the children of both population groups were thereafter affected in the same manner.

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Ph.D., C.I.H.

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Where were the transmitters of commercial radio broadcasting stations located? In urban areas, of course, because that is where the majority of radio listeners were concentrated! When did commercial broadcast radio begin? In 1920. By what date did every major US city have at least one commercial radio station? Probably well before 1925. The early radio stations produced an amplitude-modulated signal—that is, they were AM stations. Thus, the localised electromagnetic fields surrounding commercial radio station transmitters are a very good candidate indeed for the mysterious urban hazardous agent that began elevating the rate of childhood brain cancer in the United States over 60 years ago.

Just two years ago, the news media trumpeted the fact that some users of the handheld cellular telephones with the transmitter in the handset were developing brain cancer behind the ear, on the same side of the head where the phone was typically positioned, at exactly the spot where brain tissue would be irradiated by the transmitter of the cellular phone. This experience is very similar to that of the law-enforcement officers who developed cancer where their microwave-emitting traffic radar guns had irradiated their bodies for long periods of time.

All three sets of data—the experience of law-enforcement officers with traffic radar guns, of cellular telephone users, and the data on childhood brain cancer since 1920—seem to indicate that *being in the near field of a transmitter of radio frequency radiation, including microwave radiation, for long periods of time is hazardous to human health* and may result in the development of some form of cancer!

When one is in the near field of a source, one is exposed to the localised field. For those readers who may be having some difficulty with the concepts of localised and radiated fields, and who may be confusing them with near and far fields, let me draw an analogy with the seashore. At the beach, there are waves that push

water up onto the beach; then the water runs back down into the ocean. Water continually surges back and forth at the shoreline through wave action. Electromagnetic power in the localised field also surges back and forth in a similar manner.

At the seashore there may also be an undertow that carries objects caught in it straight out to sea. This is similar to the radiated electromagnetic field which breaks away from the source and carries a signal away forever.

The water surging back and forth by wave action at the beach is not normally dangerous, but the undertow is. With electromagnetic fields, the reverse seems to be true: the radiated field that carries electromagnetic power away may not be hazardous, but the localised field where electromagnetic power simply surges back and forth *is* hazardous.

Could the radiated electromagnetic wave from broadcast transmitters also be hazardous? The answer is unclear. At present, there is no data indicating that the radiated electromagnetic wave from broadcast sources poses any cancer hazard, although, if the station were sufficiently high-powered, such a hazard might very well exist. But the available evidence points only to the localised field near a transmitter as being hazardous.

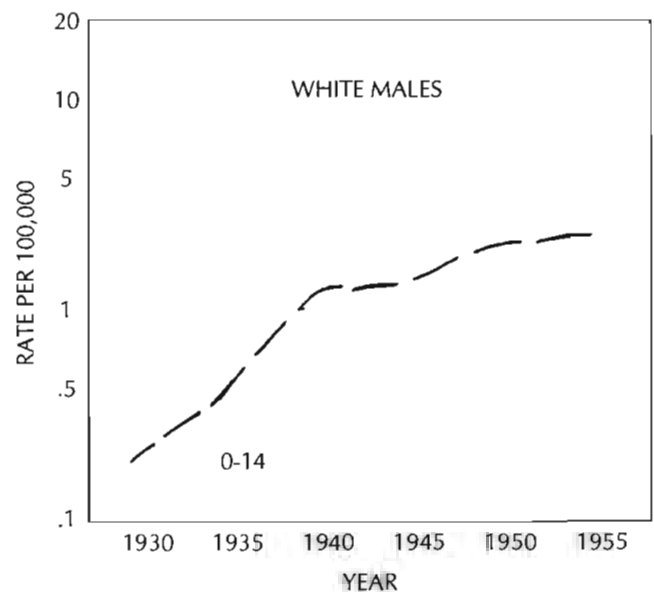
Of course, the temporal coincidence between the development of commercial broadcast radio in the early 1920s and the rather sudden increase in childhood brain cancer incidence thereafter does not *prove* that the electromagnetic fields around radio transmitters caused the observed rise in childhood brain cancer. But timing can be used to *rule out* other possible candidates. For example, it is most unlikely that electric power-lines could have caused the observed rise in childhood brain cancer because major American cities such as New York were electrified *before* the beginning of the twentieth century! It seems unlikely that electricity was initially innocuous, remained so for decades and then suddenly became harmful in the 1920s!

...the localised electromagnetic fields surrounding commercial radio station transmitters are a very good candidate indeed for the mysterious urban hazardous agent that began elevating the rate of childhood brain cancer in the United States over 60 years ago.

Historical trend in death rates from cancer of the brain and other parts of the nervous system in white male children (0 to 14 years of age) in the USA from 1930 to 1955. Notice the rapid increase in the decade prior to 1940. White female children exhibit a very similar curve (not shown).

The rapid rise in brain cancer death rate for white children follows by about 10 years the rapid growth of commercial radio broadcasting during the 1920s. These transmitters, and the majority of the white population, were located in urban areas. Similar death-rate curves for non-white children (not shown) display a rise that is delayed by about 15 years, compared to the curves for white children; the sharp rise coincides with the rural-to-urban shift of this population.

Presumably an agent that entered most US urban environments not long before 1930 is responsible for the striking rise in childhood brain cancer death rates that took place between 1930 and 1955.



Two factors make broadcast sources different from other sources of electromagnetic fields. One is that they use the electromagnetic spectrum, which in the USA legally belongs to the public, and they therefore must be licensed to transmit—that is, they must have government permission to emit a signal. Supposedly the government is acting in the public interest when a licence is issued, allowing a transmitter to go 'on the air'. Presumably the government would withhold the licence if the transmitter were unsafe.

The other difference is that *everybody* in the vicinity of the transmitter is exposed to the electromagnetic field it generates, but only those individuals who are listening to radios or TV sets tuned to the broadcasting station are receiving a benefit from the transmission. Therefore, this is a situation where *everyone* in a given geographic area is exposed in order that a *few* may benefit.

If the transmission is of public value—police radio transmissions or an emergency announcement warning of an approaching tornado, hurricane or tsunami—it is reasonable to presume that *everyone* benefits from the transmission. But much of what is broadcast today over commercial TV and radio is purely entertainment. What are the ethics of amusing some people at the expense of other people's health—all so that some third party may profit?

If there truly is a serious hazard to the public health associated with proximity to broadcast transmitters—and at present there is no conclusive proof of this, although there is strongly suggestive evidence over a range of frequencies—then the principles that govern the licensing of broadcast transmitters need to be scrutinised very carefully and possibly revised.

Up until now, the electromagnetic spectrum has been regarded as a useful economic resource. The assumption has been that unused spectrum is a waste of resources, like land that is not being cultivated to grow crops, or money that is stuffed under a mattress instead of earning interest in a bank. Therefore the federal government has felt it to be in the public interest to encourage the use of the electromagnetic spectrum, and has established its policies accordingly.

In the spring of 1994, the US Congress was considering legislation to transfer unused spectrum from the federal government to the private sector—and Rep. Ed Markey of Massachusetts, who is the Chairman of the Subcommittee on Telecommunications and Finance of the House Energy and Commerce Committee, was leading the fight! The rapid growth in the use of cellular telephones and mobile radio is bringing in revenue to the government (in the form of licence fees) and also stimulating the economy, so the government is currently *encouraging* expanded use of the electromagnetic spectrum.

But if the electromagnetic fields surround-

ing these transmitters constitute a public health hazard, it may be in the public interest, healthwise, for the electromagnetic spectrum to remain largely *unused*! This would call for a radical change in the way the US Federal Communications Commission operates, since it is the agency that licenses transmitters.

Right now, of course, the existence of a hazard to health from broadcast electromagnetic fields is uncertain. We strongly suspect there may be a cancer hazard, but we are not absolutely sure. What should we do under these conditions of uncertainty?

The logical thing to do is to *declare a moratorium* on licensing new broadcast stations or enlarging the operations of existing stations until this question is resolved. That way we can at least stop

the situation from getting worse. But right now our government is doing the *exact opposite*! It is opening up new portions of the electromagnetic spectrum and running lotteries to allocate the frequencies. It is allocating more spectrum to existing users.

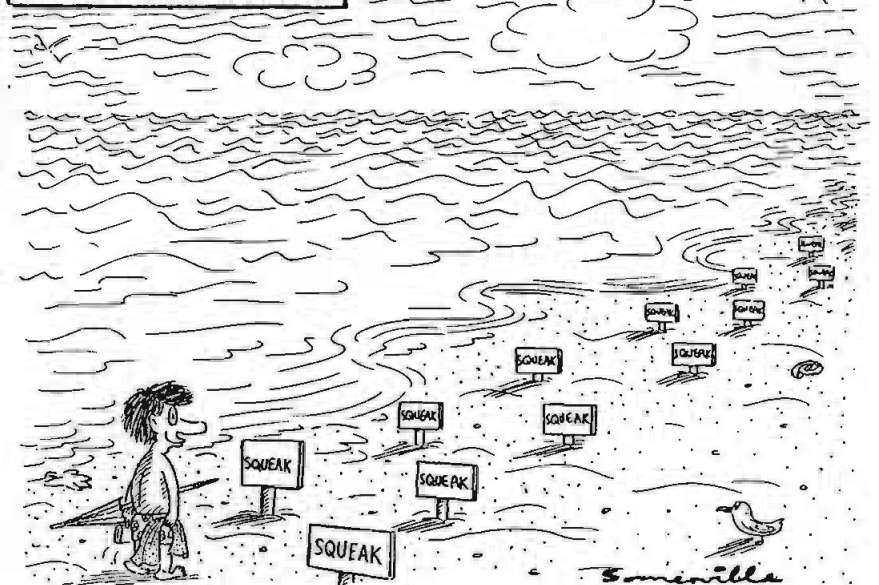
We are in a situation right now that is similar to the 1920s: there is a rapid expansion of new broadcast sources in the radio-frequency region of the spectrum. If past history is any guide, we can expect the incidence of certain diseases (including cancers) in the population to increase in the near future as a consequence.

Supposedly our government serves the public. If you don't like what your government is doing on your behalf, express yourself! If you keep silent and do not let your government hear from you, it will just keep on doing what it is doing now: issuing licences to allow ever-increasing numbers of transmitters to operate—transmitters that may be slowly killing us by promoting the development of cancer and other chronic diseases. *Do we really want our government generating revenue by issuing licences to kill?*

∞

Up until now, the electromagnetic spectrum has been regarded as a useful economic resource. The assumption has been that unused spectrum is a waste of resources.

Beaches for the Deaf



FUEL CATALYSTS AND ENHANCERS

Following our series of three articles on the dangers of present unleaded technology (see NEXUS, vol. 2, nos. 25, 26, 27), we decided to publish something pertaining to what we can do about reducing these dangers—at least, that is, until someone sends us the holy grail patent for running a car on water.

Two companies approached us with information we considered interesting enough to pass on.

The principle behind these products is they are designed to assist in the more complete burning of fuel in new and old vehicles—thereby, in theory, reducing emissions of toxic substances from fuels.

A more complete combustion will significantly reduce build-up in fuel sys-

tems, tanks, lines, injector nozzles and carburettors. This encourages a more efficient performance whilst at the same time reduces the wear and tear on all engine components.

A more complete combustion also reduces the risk of adverse health effects, such as cancer development associated with intoxication by benzene and other aromatics.

NEXUS readers will already know that the catalytic converter does not really begin to be effective until the car has warmed up to 400 degrees; and that in the first three to five minutes of starting up, all cars emit more than 60 per cent of the pollutants they produce in an average drive. For city or suburban drivers on short trips, during which the engine has no time to warm up, this figure could be even higher.

"BROQUET" FUEL CATALYST

Research that led to the *Broquet* Fuel Catalyst was started in 1941 when Henry Broquet was involved in the operation and maintenance of *Hurricane* aircraft presented by Britain to aid the Russian war effort. The *Hurricane's* engine was designed for higher octane fuel than was available at the time, and therefore a suitable fuel catalyst had to be developed.

Since WWII, the *Broquet* fuel device has been further developed for use with any petrol, diesel or LPG engine and is now exported throughout the world. The many applications for the catalyst include motorcycles, cars, trucks, boats, etc.

The *Broquet* is a compound of metals, of which tin forms a major component. When placed in the engine fuel system, the 22-mm-diameter cones will save fuel costs and improve the performance of all engines using petrol, LPG, diesel or oil as fuel.

There is no doubt that the test results provided to NEXUS are most impressive—so impressive, in fact, that we are getting one for our car! For more info, contact:

• Fuel Dynamics Pty Ltd, PO Box 1169, Maroochydore, Qld 4558, Australia; phone +61 (0)74 44 7845, or refer to their ad on page 68 of this edition.

"ECO GEM" FUEL ENHANCER

Proudly produced in Australia, *Eco Gem* is designed for use in leaded petrol, unleaded petrol and diesel, in cars, trucks, boats, motor bikes and lawnmowers.

Based on 90 per cent ethanol, *Eco Gem* works by raising the octane level of the fuel. It oxygenates the fuel, producing a more complete combustion. Ethanol is one of the third groups of fuel additives—oxygenates—used to raise the octane level of fuels (see NEXUS 2#26).

To resolve the problems associated with heat-generated meltdown of engine components, *Eco Gem* contains a small amount of brass upper-cylinder lubricant to disperse heat. *Eco Gem* coats and lubricates the piston bore and helps prevent engine oil entering the combustion chamber.

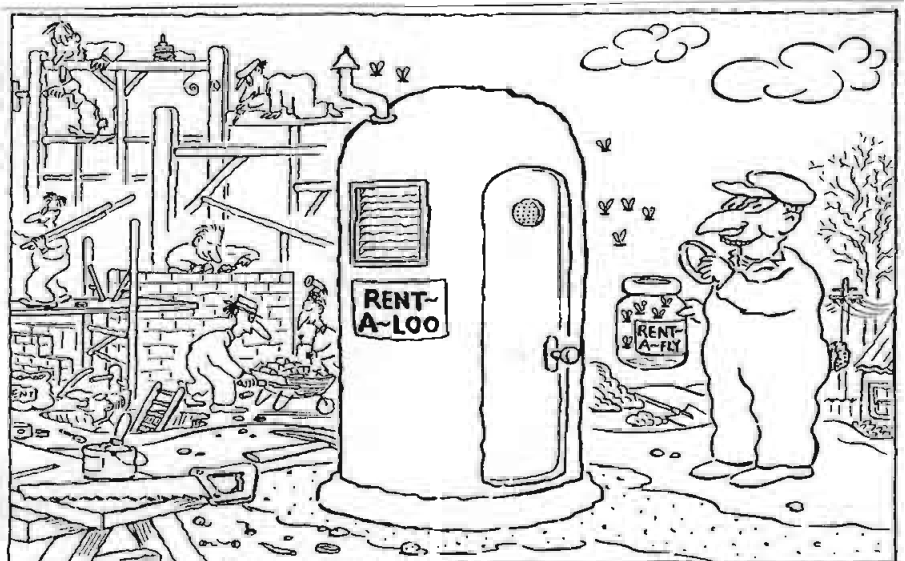
The manufacturers also claim that *Eco Gem* will increase the engine power by 20 per cent.

A 250 ml bottle of *Eco Gem* treats 500 litres of fuel. In other words, add 10 ml to every 20 litres of fuel.

According to *Eco Gem*, the Brisbane Waters ferry, which travels the waters near the Gosford/Central Coast, NSW area, saved 24 per cent on (diesel) fuel costs over a three-week period.

We have in our possession literally pages of information and test results, so if you are interested, contact:

• Wright Go Products, PO Box 94, Hawks Nest, NSW 2324, Australia; phone +61 (0)49 97 1842, fax (0)49 97 1843, or see their ad on page 70 of this edition.



STUDYING THE HUMAN ELECTROMAGNETIC AURA

Two Russian scientists, the engineer and inventor Yuri Kravchenko, and the physician Nikolai Kalashchenko, have developed an original instrument: the Phase Aurometer. This is a highly sensitive instrument for the remote measurement of the electromagnetic radiation of any object, biological included. The instrument and the method are protected by a Certificate of Authorship, No. 321662, issued in 1990.⁷

A medical version of the phase aurometer is in use at the Republican Clinical Hospital in Ufa, Bashkortostan. The instrument records the patient's own radiation by a contact-free method, and has no impact whatever on the environment. It is intended for screening the population and for clinical research.

The applications of the phase aurometer can be considerably expanded further—for example, into the insurance business, dowsing, testing folk-healers and sensitives, and into such seemingly distant fields as agricultural selection or construction and performance supervision.

Advances in biophysics, and the deep penetration of physical techniques into medicine, both in Russia and in other countries, have made possible studies involving the remote measurement (at distances of up to one metre) of the electromagnetic radia-

tion of the human body.^{1,2}

However, except for the electromagnetic fields of the stomach (fractions of one Hertz)³ and the heart (a few Hertz)², this radiation is recorded by most researchers only as "noise", which is a sum-total of frequencies ranging from 0.01 to 100,000 Hz.

The recording is accomplished by means of electrometer amplifiers, whose output signal is fed to an oscillograph or electronic voltmeter.⁴ The electrometer amplifiers used for the purpose are wide-band AC devices with a sensitivity from 0.001 to 1.000 microvolts, equipped with a probing antenna. The high input resistance (1 to 1,000,000 MΩ) and low input capacity (below 10 pF) of the amplifiers enable them to amplify the entire range of frequencies that constitute noise of varying spectral density. It is noteworthy that no radiation of the human body has been registered in the 10 to 100,000 kHz range.²

Most researchers are currently involved in recording signals in the thermal microwave and EHF range (1 to 10 GHz), and the infrared and optical range. A series of devices (such as the IR Imager) has been developed for the purpose, which register the human body's electromagnetic fields and make it possible to identify various pathologies characterised by a differing electromagnetic field intensity.^{1,5}

In this article we describe an instrument, designed for medical research, involving the remote sensing of the human electro-

magnetic field in the 0.5 to 150 kHz range, with a frequency analysis of the received noise signal.

Several researchers⁶ have concluded that some biological objects, including human beings, are sources of flicker-noise fluctuations (1/f—noise whose spectral density depends upon frequency in keeping with the law $1/f^p = 0.8...1.4$).

The proposed instrument is intended to evaluate the human electromagnetic field on the basis of phase aurometry. This is accomplished by using the digital filtering method to single out specific frequency components from a broad spectrum of that field's flicker-noise characteristic, and to perform, on each fixed frequency, a topographic evaluation of the human field by registering its dimensions and geometry in the form of an aura. The instrument records the phase shift of the oscillations of the selected frequency at each specific point of that field, both in the immediate vicinity (2 to 3 mm) of the body and at distances of up to 1.5 m. The obtained measurement results are used to plot a spatial topogram of that electromagnetic field, which serves in evaluating a person's health status.

Figure 1 shows the aurogram of a person in good health, plotted according to seven chakras measured from both the front and the back. A sick person's aurogram, shown in Figure 2, exhibits visible field deformations.

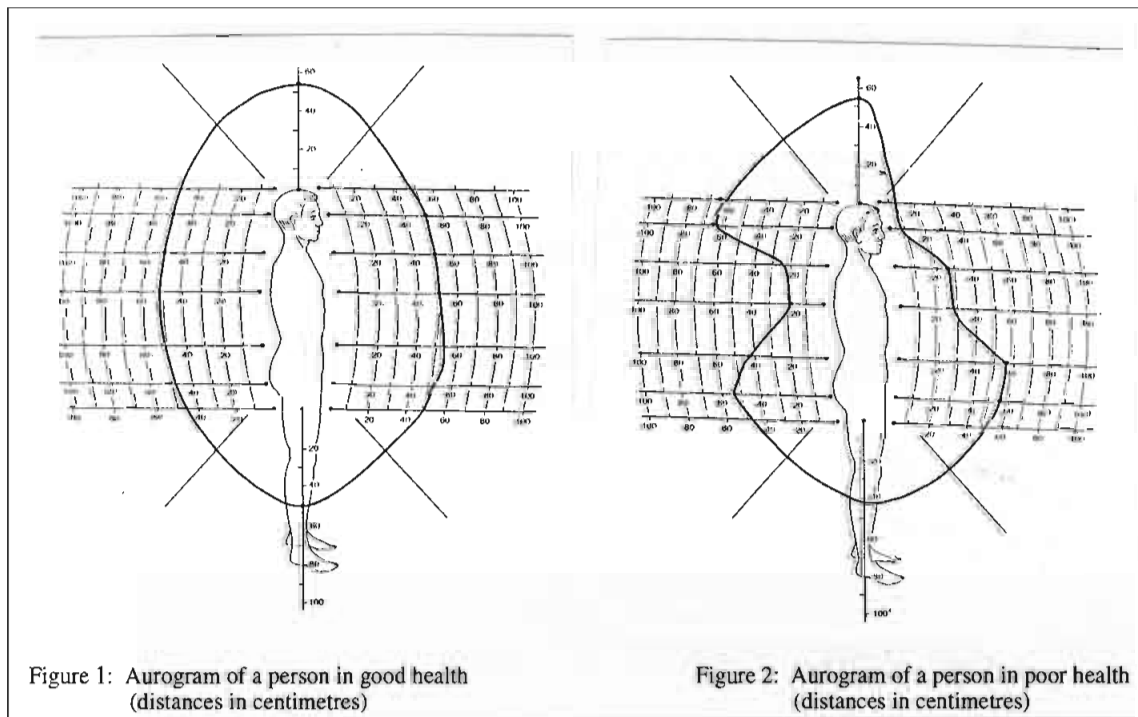


Figure 1: Aurogram of a person in good health (distances in centimetres)

Figure 2: Aurogram of a person in poor health (distances in centimetres)

The phase aurometer is a highly sensitive (hundreds of pV) AC resonance amplifier with a high input resistance (over 1,000 MΩ). It differs from standard instruments of the same class in that it has a digital filter, replacing regular LC circuits to ensure a 'narrower' bandwidth, and a phase-sensitive (instead of amplitude-sensitive) detector which makes it possible to evaluate the relative phase-shift of the oscillations selected by the digital filter.

The digital filtering circuit improves the noise immunity of the instrument and dis-

penses with the need for a screened room at health-care institutions.

The noise signal produced by the human electromagnetic field is received by the antenna (1), and passed through the digital filter (2); only the oscillations whose frequencies coincide with that of the reference frequency generator (3) reach the output. The AC amplifier (4) is equipped with an output phase detector (5), which records the value of the phase shift φ_{meas} between the measured radiation frequency of the biological object ω_{meas} and the reference generator's frequency ω_{ref} as:

$$\varphi_{\text{meas}} = \omega_{\text{meas}} - \omega_{\text{ref}} - \text{const.}$$

The constant in the above equation is the signal produced by the noise background compensation circuit (7). The value of the const. is automatically selected so as to reduce to nil the quantity φ_{meas} as the antenna is moved away from the biological object. In other words, the value of φ_{meas} is measured relative to the specific noise background in that room.

The DC amplifier (6) serves to filter and further amplify the output voltage of the phase detector (5). The integrator unit (8) serves to integrate the phase-shift signal and select low-level signals of the biological object against the noise background.

Hence, the phase aurometer's output signal may be described as an integral characteristic of the phase shift of the electromagnetic component of the biological field at each specific radiation frequency synchronised with the reference frequency.

A computer software package is being developed to control the instrument and provide for computer-aided sensor param-

ter pick-up, the display of the aural bio-electromagnetic field topography, and its printout in colour.

Footnotes:

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(Source: *AURA-Z*, vol. 1, no. 3, 1993; PO Box 224, Moscow 117463, Russia; phone +7 (095) 925 7679, fax (095) 422 0960)

About the Authors:

Yuri Kravchenko, born 1947, graduated from the Ufa Aviation Institute. He then worked in the aircraft industry, but with the beginning of defence conversion became involved in medical research and development activities.

Nikolai Kalashchenko, born 1943, graduated from the Bashkir Medical Institute and was a medical practitioner in Yakutia and Bashkiria. A few years ago Dr Kalashchenko, Cand.Sc. (Med.) became an assistant professor of therapy with the Bashkir State Medical Institute.

TREATMENT WITH MULTIPLE PULSATING DEVICE

by Matt Willemse, Ph.D. M.D. (Hom.),
Dip. Bot. Med.

In recent issues, NEXUS has published a number of articles on magnetic and electromagnetic (EM) fields, both natural and man-made, so today it is not difficult to realise that all life-forms exhibit EM characteristics and live in an electromagnetic environment. In fact, the entire universe is a vibratory EM energy field.

Our EM world, however, is changing. We are being increasingly subjected to a greater number of induced EM fields. Even those of extremely low energy have been found to influence our bio-energetic systems.

In this article I aim to describe how a knowledge of EM fields can be applied beneficially. First though, a quick review.

Since the industrial revolution, the Earth has lost at least 50 per cent of its magnetic energy, much being absorbed in steel e.g., rail, buildings, cars, etc. Most people are encapsulated within these structures during a major proportion of their daily activities and deprived of natural magnetic absorption.

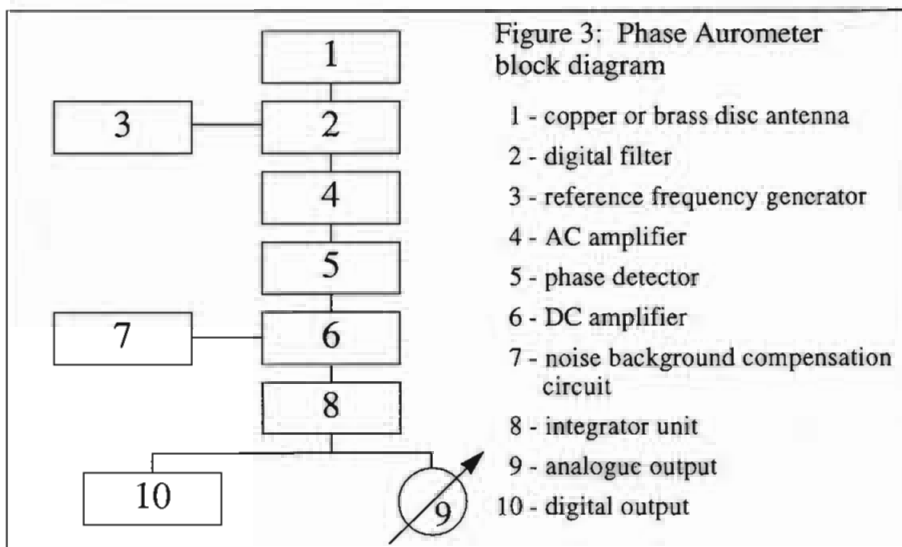
Electricity is generated at 50 and 60 cycles per second (depending on country). Excessive exposure to its surrounding EM fields can be detrimental to our health—as is the electronic pollution caused by computer equipment, TV transmissions, AM radiowaves, mobile telephones and the various home and industrial appliances.

Most footwear is made of rubberised or other insulating materials such as plastics, which accordingly deprive the body of its contact with the Earth's magnetic field.

Chemical pollution may be the biggest threat to the environment and mankind. It is in our food cycle via fertiliser, herbicides, insecticides, and artificial colouring, flavouring and preservatives. Include the cosmetics and deodorants with which we cover our bodies. Is it any small wonder that our biophysical systems, constantly suffering duress and daily stresses, are having great difficulties in coping? EM imbalance is one of the results.

Seventy per cent of the body consists of fluid. Just as a waterfall naturally creates EM energy, so the flow of the blood through the body produces an internal source of EM-field energy.

How does this electromagnetic treatment work? Magnetic energy is one of the strongest fundamental natural forces of the



Universe. On Earth, Nature manufactured the first magnet consisting of lava mineral rock—in particular, iron, commonly known as lodestone.

Since ancient times, magnets have been used in healing. They have been described as having a "mysterious" force.

In 1600, William Gilbert published the first scientific works on magnetic fields. Most common was the magnetic needle—suspended either in water or on a string—which always pointed in a fixed direction: the geographical north and south poles of the compass.

Magnetic forces are exerted through air or through other 'low-magnetic' material such as wood or even muscle or bone structure.

In 1820, Hans Oersted made the first experiment with an electrical current and a magnetic compass, which can be understood as the "right-hand rule". He established that by forming the wire into a loop, the EM field could be strengthened.

Eleven years later, Michael Faraday succeeded in experimentation with a conducting wire, enabling it to rotate if placed near a magnetic field. This had the immediate advantage that the field could be turned on and off at any time. It also meant that the strength of the magnetic field could be varied at will.

In 1864, James Maxwell published his mathematical formula indicating that light was an electromagnetic wave, and, like radiation energy, travelled at the same speed.

Today, EM energy is used in a wide range of functions from the kitchen to the spaceship. Physicians all over the world are now recognising the benefits of magnetic therapy for various disorders.

Space-age astronauts utilised a bio-magnetic frequency of 7.96 cycles per second to encourage sleep and relaxation during flight, and as a stabilising orientation before re-entering the Earth's gravitational pull.

It is also known in biophysics that EM fields can actually control the body's biochemistry. Therefore, magnetic energy can be used not only for diagnostic purposes and in the early detection of disease, but also for treating health problems.

Superconducting Quantum Interference Detectors (SQUIDs) can today determine minute magnetic fields of any living organism. The human body consists of millions of cells, each cell exhibiting polarity (a positive and negative field pattern). Cells make up the tissues which are grouped together, eventually forming the organs, ligaments and skeletal structure. Tissues and organs are characterised by their individual cell function, constantly forming and mutating to revitalise the body. Health is an equilibrium or a very delicate balance of the cell's polarity. When death occurs, the SQUID instrument cannot register any readings, as no EM energy—mental or physical—remains.

The Magnetic Field Multiple Pulsating Device has the capacity to alter the biological magnetic energy by selecting the exact frequency for a particular purpose.

The multiple pulsating device induces an alternating current with a wide-spectrum magnetic field, the frequencies of which have proven therapeutic advantages in:

- releasing natural opiates to ease aches and pain;
- boosting the immune system;
- increasing tissue repair;
- regenerating the central nervous system;
- balancing miner-

al levels;

- enhancing circulation and digestion with better hydrosis through energising and oxygen exchange.

What about the use of 'ordinary' magnets? The short answer is that any magnetic treatment will have some effect. Extreme care, however, should be exercised in the application of this form of treatment, especially in the case of chronic and terminally ill persons, as it may stimulate growths and tumours when the magnet polarity (north) is applied incorrectly near the affected area.

Some remarkable clinical examples using electromagnetic equipment include:

- Arthritis sufferers who were able to control their discomfort and engage in gardening for the first time in years. An elderly farmer became mobile again after being freed from stiffness in his knee joints.
- Athletes and sports-injured individuals who recovered much faster than in the past with the use of magnetic field therapy.
- An elderly female patient who was able to forego the use of powerful chemical analgesic drugs, returning home to use magnetic therapy to achieve a quality of life not possible in an unfamiliar environment. Her final months were spent with her family in her own home.

[The testimonials continue; only lack of space prevents including more. — Ed.]

These magnetic field units apply the natural bio-frequencies and reorganise them after their disruption through ill-health, accident, emotional distress, or chemical, environmental or electronic pollution.

With its high success-rate for accelerating the healing process, and its high safety and user-friendliness factors, it is a valuable device for professional health practitioners or people who want to be more independent with their health regime.

[Editor's Comments: Dr Matt Willemse is a consultant to Osmo Sales which markets the Osmatic Magnetic Field Pulsating Device. He developed the unit with the assistance of an electronics engineer. Matt can also be regarded as the pioneer who introduced electrolytes of oxygen into Australia. He has formulated numerous herbal and homoeopathic formulas for prominent pharmaceutical companies as well as validated them with dark-field microscopy. His practice is in Toowoomba, Queensland, Australia. (For more information on this device, refer to the advertisement on page 60 of this edition.)]



— *Mysteries of our Moon* — NASA's 'Secret' Moon Photos

An American engineer's experience with photographs and audio transcripts from NASA's lunar missions adds credibility to the notion that somebody else is on the Moon.

Part 2

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MUFON-Houston member Vito Saccheri recounts the experience that hooked him on the possible existence of flying saucers and alien civilisations. His memories, whether altered by time or perspective, clearly changed his outlook on life and may give you pause as well. — HS

In 1979 I was a project manager for a privately owned engineering company doing business with the Venezuelan oil industry. My counterpart in Venezuela, our client's chief engineer, an American engineer named Lester Howes, had come to Houston on business.

Les and I had spoken by phone and telex for years (no fax machines back then), but we had never met. We hit it off when he arrived, and after a few days he confided that he had an ulterior motive in coming to Houston. After asking me to keep an open mind, he told me he was both an amateur astronomer and a ufologist and that he wanted my help in obtaining access to secret photos held somewhere inside NASA. I was speechless. When I finished laughing, I realised he was dead serious. Some of the guys at work thought Les was just a little light in the loafers, and others thought he was just plain crazy, but I could see that he was concerned about what I would think of him. After all, we were professional engineers, and he had taken quite a chance with me.

Les showed me a small paperback book, entitled *Somebody Else is on the Moon*, written by George H. Leonard. Les lent me the book and I read it overnight. Leonard had come across photos he felt confirmed the presence of a very ancient—and possibly current—civilisation on the Moon. He explained that in 1961, President Kennedy had committed the USA to reaching the Moon within a decade, primarily because throughout the 1950s the scientific community had been rocked by observatories around the world which began reporting and later confirming that "Moon craters" were actually disappearing, right out from under the watchful eyes of their state-of-the-art telescopes! Since the possible ramifications were obvious, the powers-that-be had decided that Uncle Sam had to be the first to reach the Moon.

After arguing futilely with NASA authorities about releasing the photos, Leonard published them himself in his book. He felt the taxpayers had a right to know what NASA knew, pointing out that despite a nine-year mobilisation effort that had cost billions of dollars, NASA had shut down the entire Moon project after only a few landings. His contention was that we had confirmed that we were trespassing! The small photos would show little, so he provided hand-drawn sketches to accompany each photo. And he published the special NASA identification code-numbers for each picture.

When I finished the book, I called Les and said I was intrigued and would help. The very next day, we made the first trip out to NASA and spent the day taking the guided and self-guided tours. On the second day, we made our move.

We entered the public orientation building and told the receptionist that we wanted to make arrangements to see some Moon pictures. With no clue where to start, she eventually directed us to her supervisor who was equally at a loss. Apparently, no one charged with dealing with the public knew where NASA kept its photos or whether they kept them at all. And no "Photo Records" department showed up on any list.

We were passed around to at least four other people before someone admitted that NASA had lots of photos "somewhere" on the complex, but that the public wasn't permitted to view "unauthorised" photos of any project. That's when we changed our strategy. Les blurted out, "Isn't it true that NASA is a civilian agency funded by taxpayer money?"

Confusion spread over her face, and I added, "Well, we're two taxpayers, and we're here to see our pictures. Who's got them?"

Before she could recover, we flashed Leonard's book in her face. I continued, "What's so unauthorised about pictures that have already been published?" From then on, we decided to stay on the offensive at all times.

Reinforcements were called in, and we soon found ourselves having the same conversation with the big boys from administration. None had seen the book, but, significantly, one had taken the time to confirm that Leonard was in fact a former NASA scientist at the Jet Propulsion Lab, from what I could gather. This threw them, and they seemed even curious to learn about the book—for after all, the information had been generated by NASA in the first place. We settled for a truce and to return the next day. Before leaving, however, we reiterated that these two taxpayers had every intention of going to the mat with whoever was holding back 'our photos'.

To make a very long story short, we spent the next several days filling out enough forms to give a woodpecker a headache. My office advised me that NASA had called to confirm my employment history and to inquire about Les. His hotel advised that someone had called to confirm that he was staying there. Obviously the wheels were turning. Finally, someone called to say we could see the photos.

We returned to NASA thinking we had finally succeeded. But success was not to be so easy. We were directed to a Building 30 which had not been on the tour and which didn't even exist. Building 30A turned out to be empty, so we walked into Building 30B and found ourselves in the middle of a high-security area where an existing mission was being monitored. Realising that we were somewhere we should not have been, we tried to blend in. Failing miserably to do so, we were soon unceremoniously tossed out. Security personnel demanded to know how we had passed the civilian section—and what was this about

Moon pictures, taxpayers, and a book about the Moon? We knew we were really in sheep dip when security not only whisked us out of the building but escorted us off the premises altogether.

The next day, after some scrambling on both sides, officials apologised to us for the mix-up. For our part, we insinuated that at least 1,000 photocopies of the Leonard book could rain down on everyone on the space centre's mailing list. We were counting on this bluff to get us past what we considered an impasse. It was time for NASA to act. After all, we weren't a couple of underwater pipe welders from Boise. We were fellow engineers, brothers of the blood!

Finally, some serious discussions transpired. The photo library, we were told, had been relocated off site to the Lunar Landing Observatory directly adjacent to the east NASA property on NASA Road 1. They would be expecting us in two more days at 8.00 am.

Two days later, we drove east on NASA 1 past the main entrance of the facility and found a chain-link fence that marked the eastern limit of the property line, expecting to see a building or

sign. Nothing but a heavily wooded area! Driving back and forth along the road, trying to decide whether they had done it to us again, we noticed a narrow dirt road running back into the woods directly along NASA's fence line. Hung on the chain between two small posts was a sign that read simply: "No Trespassing". Instinct told us this had to be the place. We lowered the chain and drove about three-quarters of a mile down the dirt road which U-turned back toward the highway. Directly behind the trees and camouflaged by the woods was our building. There was no number, only a small plaque near the door that read "Lunar Landing Observatory" in half-inch-high letters. Somehow we weren't surprised.

Upon entering, we found ourselves in a small alcove. A large main room buzzing with people was off to the right, and what appeared to be a small broom closet was on the opposite wall. When we told the receptionist we wanted the library, she pointed toward the broom closet which, as it turned out, opened onto a winding stairway leading down into a dimly lit underground tunnel. I'm certain it took us back toward the NASA property line.

At the end of the tunnel was a large room where we found ourselves standing in front of a wall-to-wall counter separating us from the librarian who was sitting on a stool. I seem to remember that his name was Roger. He explained that there were at least two million photos in the library—everything NASA had ever photographed since year one. Unfortunately, no one could see "random" photos, as time was always short and filing systems complicated. In other words, to see any picture you need its specific code-number.

Roger was surprised that we had all the numbers (no one had told him about the book). We handed him our list, thinking we had hit pay dirt at last. But after a quick glance, he gave us the bad news: the numbers were meaningless in Houston. He explained that for security reasons NASA had split the country into five regions, each with a duplicate set of

records and a different code-number system. Leonard's numbers weren't applicable in this facility. I asked where the master list was kept, and Roger replied at Langley, Virginia. Les and I looked at each other. We didn't have to say it, but we suspected who that meant.

We huddled in the corner for a few minutes trying to decide whether this was another stalling effort. But we had come too far to give up. We informed Roger that we wanted to proceed. He said that someone in the NASA complex had the proper forms to start the ball rolling. He just wasn't sure who, since no one had ever requested the photos before. We were the first, he said—at least in Houston.

A few days later Roger called us to come fill out new forms, though there wasn't much they didn't already know about us. It took two more days, but our summons finally came. Roger announced that the photos were ready for our inspection. There were, however, strict rules. We were to get three eight-hour business days. We were not allowed pens, pencils, paper, calculator, camera or recording devices of any kind. Nor could we be left

To this day, I can remember these views: ...obvious machinery on the surface...; three dilapidated 'bridges' crossing a chasm...; pipe fittings that could be seen in every photo...; three surprising pyramids...; apparent pipelines criss-crossing the surface, running to and from craters; a UFO rising from the surface... The clarity and resolution were unlike that of anything I had seen before or since...

alone with the photos. We were allowed only the book and a magnifying loupe. We would be escorted in and out for lunch and bathroom breaks. If we agreed to these terms, he said, we could begin at nine o'clock the next morning. We arrived at eight.

This time, we were escorted in by two men. We found five extra-long conference-room tables set up in a U-shape. We had expected to find only the pictures listed in Leonard's book. To our amazement, there were thousands of photos, all in sets of numerical order. Leonard had mentioned that the photos were numbered sequentially by the cameras. He also had mentioned that each time the on-board computer picked up an anomaly while analysing a photo, it triggered a sequence of additional photos that zoomed in on the target closer and closer.

The photos were huge, approximately 32 by 24 inches, with a dull grey, almost dull-black look. On the back of each, technical information was recorded, such as the probe's height above the Moon's surface while it was taking the picture, the angle of approach and the location of the Sun in relation to the capsule.

Frustratingly, we had all the technical data for triangulation—simple trigonometry and algebra were all that we needed to compute the size and distance of anything shown. But without paper, calculators or pencils we were limited to what we could do in our heads, and we weren't up to it—the numbers were too big, the angles too acute. We had to rely on Leonard's numbers. But we verified everything that he had seen.

To this day, I can remember these views: • a boulder that seemed to have been rolled uphill, leaving its tracks in the side of the hill; • obvious machinery on the surface, showing bolted sections; • three dilapidated 'bridges' crossing a chasm that reminded me of the Grand Canyon; • pipe fittings that looked like four-way Ts (or Xs) that could be seen in every photo, some with their ends turned up or down as they hung over the edge of a crater; • three surprising pyramids that prompted me later to study closely the Egyptian Gizeh pyramid complex; • apparent pipelines criss-crossing the surface, running to and from craters; • a UFO rising from the surface and photographed directly above a crater; • and, perhaps the most memorable, the unmistakable figure of a rectangular structure placed squarely in the biggest crater pictured. The structure looked either very old or under construction, but the crater had to be miles wide, and the camera angle gave a perfect three-dimensional view.

The clarity and resolution were unlike that of anything I had seen before or since, and I shudder to think that this was only the beginnings of the spy-in-the-sky technology that has evolved since then.

Nobody said much at all for three days. Lester was in hog heaven, having realised his greatest ambition. And I was hooked on UFOs. On our last day, actually during our last hours, I had seen enough and decided to stretch my legs. As I was escorted back to the main room, I noticed a false panel that was slightly ajar, and peeked inside. Floor-to-ceiling bookshelves were filled with white three-ring binders. Roger volunteered that most of the binders were filled with the details of NASA's scientific experiments conducted in space. The rest, he said, were

simply transcripts of the manned space flights, including the Moon landings. Since he had gotten to know us over the three days and had enjoyed seeing the photos himself, he gave me a wink and a nod and allowed me to enter the room unescorted.

I spent most of the remaining time poring over the scientific data, as I wasn't much interested in the transcripts. After all, along with four billion others, I had watched the first lunar landing on TV. Fortunately, however, I decided to browse some transcripts and flipped casually through a few, killing the last 15 minutes of time. Then my eyes caught it: "Houston, we've got a bogey at two o'clock."

And there was more: "Roger that, *Apollo*. Switching to alpha. Roll eight degrees and begin sequence..."

"Roger, Mission Control. Confirming alpha."

Though I knew instinctively what it meant, I couldn't believe what I was reading. I raced through the pages and other mission transcripts and found similar dialogue.

"Mission Control, we've got Santa Claus coming over the hill..."

"Roger, *Apollo*. Hold your fix. Switching bravo. Do you copy?"

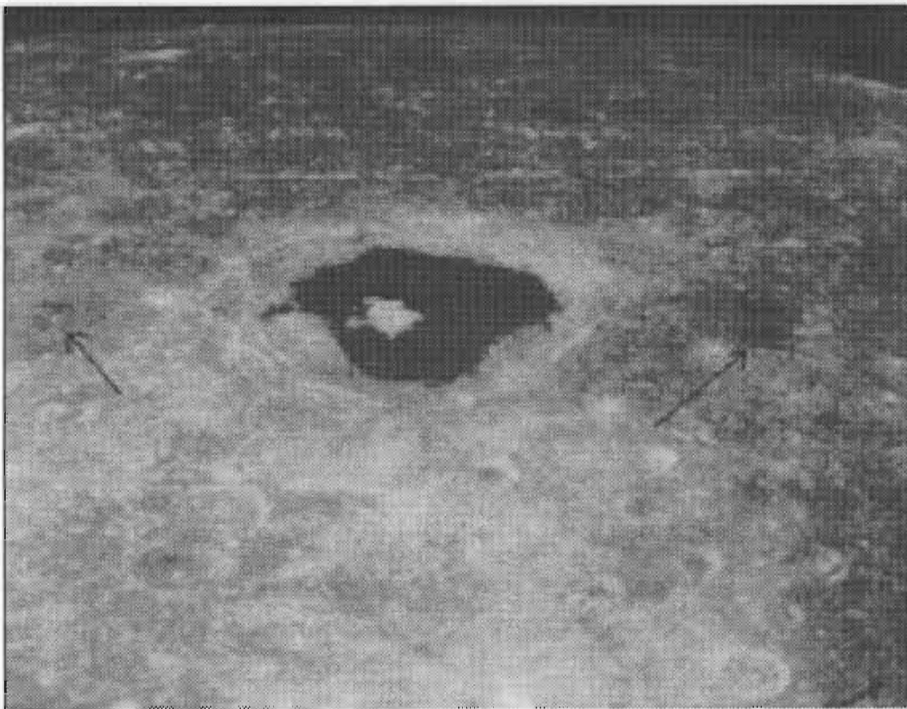
"Roger, Houston. Bravo link..."

These guys were reporting UFO activity, but I couldn't remember ever hearing this during the live TV broadcasts of lunar missions in '69 and '70. I was too dumbfounded to say a word and too scared to tell Les or Roger. I didn't want to get either of them in trouble. We had no clearance to see these documents.

So I just kept my mouth shut while Les asked Roger if there was any way to buy some of the pictures we had reviewed. Roger gave us more forms to fill out and told us it would take several weeks. When the pictures arrived, Les was back in Venezuela. They were lousy as we expected, with almost no resolution. No



View obtained by the *Apollo 17* astronauts using a telephoto lens to photograph boulders and boulder tracks on the North Massif at the *Apollo 17* landing site. The largest object, making a weaving, tread-like track, is about 5 metres across. Illumination is from the right.
(NASA photo, AS17-144-21991)



NASA *Apollo 8* photograph of the Tsiolkovsky Crater on the dark side of the Moon. Notice the large 'lake' in the centre of the photo and smaller ones on each side.

one who saw them was impressed, least of all me. But I remained preoccupied all the same, particularly with my other find.

Not until years later did I mention the transcripts to a few close friends. One eventually mentioned a special lady he thought I should meet. Since I don't have permission to use her name, I'll call her Jane. Jane was a college co-ed at the time, transcribing audiotapes for NASA. I eventually asked her how astronauts could talk about UFOs during live broadcasts being transmitted all over the world without anyone hearing their conversation.

She explained that the space program had developed many technologies which at the time had not been declassified or adapted for commercial use. One of these new developments—unknown to the general public—was instant-replay video, which would become common later. But in 1969 and '70, only a handful of people were aware of it. Thus, NASA could switch the Mission Control picture to a live broadcast of a news reporter standing next to a full-scale mockup, and while a viewer's attention was diverted, the real stuff was happening behind the scenes. It's no wonder that in the early days, only military pilots were qualified to be astronauts. These were the guys with the real right stuff: they knew how to keep their mouths shut!

When I met Moon photo researcher Marvin Czarnik in [April] 1995, I learned that he had helped develop some of the technical systems used at NASA. Besides the length of time of instant replay, he knew that code-words like "alpha" and "bravo" referred to special switching stations around the country that 'switch' broadcast reception away from Houston and Mission Control to missile bases in the north-west portion of the country, as they were equipped with "secured communications equipment". This was my missing puzzle piece. I knew then for certain who it was that had the master list of photographs.

In 1980, another puzzle piece fell into place. A friend had shown me a special congressional subcommittee report on Moon rocks brought back by the astronauts, and a feasibility study on colonising the Moon. The document was dated 1972 or '73, and concluded that Moon colonisation using giant plastic air bubbles

was unrealistic and that we would need to transport air from the Earth. The congressional report concluded that there was plenty of oxygen on the Moon, trapped in the rocks. The recommended solution: pulverise the rocks on a large scale with major excavations. The liberated oxygen would be stored in underground caverns and tunnel systems and the debris from these pulverised rocks dumped into the existing craters. Naturally, the craters would eventually disappear—an observation made by astronomers long before the first Moon landings and, ironically, one that had initially prompted Leonard and other scientists of the 1950s to analyse early Moon photos.

That the Moon should be occupied by others who periodically visit the Earth makes perfect sense to me. I remember in the 1960s, after President Kennedy mobilised NASA, that the talk was about beating the Russians to the Moon and using it as a station or stepping-stone to the stars. In those days, there were great debates on who would get the mining and mineral rights if gold or other precious metals were found. Also, in those days, there were arguments about

allowing the US military to place missiles on the Moon since it was not to be used militarily.

Today, we no longer talk about using the Moon as a base of any kind. Instead, we talk about using space stations. Why? The Moon would seem to be a ready-made station. And why aren't companies like US Steel, 3M and Shell Oil lining up for concessions to the Moon's mineral rights? I can remember when Pan Am World Airways was actually selling advance tickets to the Moon! And finally, when has the government's Department of Defense not pushed for funding to build a strategic missile base with first-strike capability? They're still building "Star Wars".

Personally, I think Leonard was right, and I thank Lester Howes for trusting me to get involved. Someday I'll track him down and tell him about those transcripts. ∞

Vito Saccheri is a Houston-based engineer who, in the late 1980s, established Ameridian Technologies, Inc., a technical investigation firm specialising in accident reconstruction, engine and metal fracture/failure analysis and thermodynamic/solar technology development. Since his 1979 NASA incident he has been intrigued by scientific aspects of the UFO phenomenon and continued his research into particle physics, anthropology, archaeology and ancient mythology. He has been a MUFON (Mutual UFO Network) member since 1994. Vito Saccheri can be contacted through *HOUSTON SKY*.

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UFO SIGHTINGS BY ASTRONAUTS

Major Gordon Cooper

Major Cooper was one of the original *Mercury* astronauts, and the last American to fly in space alone. On 15 May 1963 he shot into space in a *Mercury* capsule for a 22-orbit journey around the world. During the final orbit, Major Gordon Cooper told the tracking station at Muchea (near Perth, Western Australia) that he could see a glowing, greenish object ahead of him

quickly approaching his capsule. The UFO was real and solid, because it was picked up by Muchea's tracking radar.

Cooper's sighting was reported by the National Broadcast Company which was covering the flight step by step; but when Cooper landed, reporters were told that they would not be allowed to question him about the UFO sighting.

Major Cooper was a firm believer in UFOs. Over ten years earlier, in 1951, he had sighted UFOs while piloting an F-86 Sabre jet over West Germany. They were

metallic, saucer-shaped discs at considerable altitude and could out-maneuvre all the American fighter planes.

Major Cooper also testified before the United Nations: "I believe that these extra-terrestrial vehicles and their crews are visiting this planet from other planets. Most astronauts were reluctant to discuss UFOs... I did have occasion in 1951 to have two days of observation of many flights of them, of different sizes, flying in fighter formation, generally from east to west over Europe."

And according to a

taped interview by J. L. Ferrando, Major Cooper said: "For many years I have lived with a secret, in a secrecy imposed on all specialists in astronautics. I can now reveal that every day, in the USA, our radar instruments capture objects of form and composition unknown to us. And there are thousands of witness reports and a quantity of documents to prove this, but nobody wants to make them public. Why? Because authority is afraid that people may think of God-knows-what kind of horrible invaders. So the password still is: 'We have to avoid panic by all means.'

"I was furthermore a witness to an extraordinary phenomenon, here on this planet Earth. It happened a few months ago in Florida. There I saw with my own eyes a defined area of ground being consumed by flames, with four indentations left by a flying object which had descended in the middle of a field. Beings had left the craft (there were other traces to prove this). They seemed to have studied topography; they had collected soil samples; and, eventually, they returned to where they had come from, disappearing at enormous speed. I happen to know that authority did just about everything to keep this incident from the press and TV, in fear of a panicky reaction from the public."

Ed White and James McDivitt

In June 1965, astronauts Ed White (the first American to walk in space) and James



McDivitt were passing over Hawaii in a *Gemini* spacecraft when they saw a weird-looking metallic object. The UFO had long arms sticking out of it. McDivitt took pictures with a cine-camera. Those pictures have never been released.

James Lovell and Frank Borman

In December 1965, *Gemini* astronauts James Lovell and Frank Borman also saw a UFO during the second orbit of their record-breaking 14-day flight.

Borman reported that he saw an unidentified spacecraft some distance from their capsule. *Gemini* Control at Cape Kennedy told him that he was seeing the final stage of their own Titan booster rocket. Borman confirmed that he could see the booster rocket all right, but that he could also see something completely different.

This communication was reported during James Lovell's flight on *Gemini 7*:

Lovell: "Bogey at 10 o'clock high."

Capcom: "This is Houston. Say again, Seven."

Lovell: "Said we have a bogey at 10 o'clock high."

Capcom: "*Gemini 7*, is that the booster or is that an actual sighting?"

Lovell: "We have several actual sightings."

Capcom: "Estimated distance or size?"

Lovell: "We also have the booster in sight."

Neil Armstrong and "Buzz" Aldrin

According to NASA astronaut Neil Armstrong, the aliens have a base on the Moon and told us in no uncertain terms to get off and stay off the Moon.

According to hitherto-unconfirmed reports, both Neil Armstrong and Edwin "Buzz" Aldrin saw UFOs shortly after that historic landing on the Moon in *Apollo 11* on 21 July 1969. I remember hearing one of the astronauts refer to a "light" in or on a crater during the television transmission, followed by a request from Mission Control for further information. Nothing more was heard.

According to a former NASA employee, Otto Binder, unnamed radio hams with their own VHF receiving facilities that bypassed NASA's broadcasting outlets picked up the following exchange:

NASA: "What's there? Mission Control calling *Apollo 11*."

Apollo 11: "These 'babies' are huge, sir! Enormous! Oh my God! You wouldn't believe it! I'm telling you there are other

spacecraft out there, lined up on the far side of the crater edge! They're on the Moon, watching us!"

A certain professor, who wished to remain anonymous, was engaged in a discussion with Neil Armstrong during a NASA symposium.

Professor: "What really happened out there with *Apollo 11*?"

Armstrong: "It was incredible. Of course, we had always known there was a possibility; the fact is, we were warned off! (by the aliens). There was never any question then of a space station or a Moon city."

Professor: "How do you mean, 'warned off'?"

Armstrong: "I can't go into details, except to say that their ships were far superior to ours, both in size and technology. Boy, were they big—and menacing! No, there is no question of a space station."

Professor: "But NASA had other missions after *Apollo 11*?"

Armstrong: "Naturally, NASA was committed at that time, and couldn't risk panic on Earth. But it really was a quick scoop and back again."

According to a Dr Vladimir Azhazha: "Neil Armstrong relayed the message to Mission Control that two large, mysterious objects were watching them after having landed near the moon module. But this message was never heard by the public—because NASA censored it."

According to a Dr Aleksandr Kasantsev, Buzz Aldrin took colour movie film of the UFOs from inside the module, and continued filming them after he and Armstrong went outside.

Armstrong confirmed that the story was true but refused to go into further detail, beyond admitting that the CIA was behind the cover-up.

Donald Slayton

Donald Slayton, a *Mercury* astronaut, revealed in an interview that he had seen UFOs in 1951: "I was testing a P-51 fighter in Minneapolis when I spotted this object. I was at about 10,000 feet on a nice, bright, sunny afternoon. I

thought the object was a kite, then I realised that no kite is gonna fly that high.

"As I got closer it looked like a weather balloon, grey and about three feet in diameter. But as soon as I got behind the darn thing it didn't look like a balloon anymore. It looked like a saucer, a disc.

"About the same time, I realised that it was suddenly going away from me—and there I was, running at about 300 miles per hour. I tracked it for a little way, and then all of a sudden the damn thing just took off. It pulled about a 45-degree climbing turn, accelerated and just flat disappeared."

NASA Pilot Joseph A. Walker

On 11 May 1962, NASA pilot Joseph Walker said that one of his tasks was to detect UFOs during his X-15 flights. He had filmed five or six UFOs during his record-breaking fifty-mile-high flight in April 1962. It was the second time he had filmed UFOs in flight.

During a lecture at the Second National Conference on the Peaceful Uses of Space Research in Seattle, Washington, he said: "I don't feel like speculating about them. All I know is what appeared on the film which was developed after the flight."

To date, none of those films has been released to the public for viewing.

Major Robert White

On 17 July 1962, Major Robert White reported a UFO during his flight of an X-15. Major White reported: "I have no idea what it could be. It was greyish in colour and about thirty to forty feet away."



THE TWILIGHT ZONE

Then, according to a *Time Magazine* article, Major White exclaimed over the radio: "There **are** things out there! There absolutely are!"

Commander Eugene Cernan

Eugene Cernan was Commander of *Apollo 17*. In a *Los Angeles Times* article in 1973, he said about UFOs: "I've been asked (about UFOs) and I've said publicly I thought they (UFOs) were somebody else, some other civilisation."

NASA's Maurice Chatelain

In 1979, Maurice Chatelain, former Chief of NASA Communications Systems, confirmed that Armstrong had indeed reported seeing two UFOs on the rim of a crater. Chatelain believes that some UFOs may come from our own solar system, specifically Titan. "The encounter was common knowledge in NASA, but nobody has talked about it until now."

"...all *Apollo* and *Gemini* flights were followed, both at a distance and sometimes also quite closely, by space vehicles of extraterrestrial origin—flying saucers, or UFOs, if you want to call them by that name. Every time it occurred, the astronauts informed Mission Control, who then ordered absolute silence.

"I think that Walter Schirra aboard *Mercury 8* was the first of the astronauts to use the code-name *Santa Claus* to indicate the presence of flying saucers next to space capsules. However, his announcements were barely noticed by the general public.

"It was a little different when James Lovell, on board the *Apollo 8* command module, came out from behind the Moon

and said for everybody to hear: 'Please be informed that there is a Santa Claus.' Even though this happened on Christmas Day 1968, many people sensed a hidden meaning in those words."

The rumours persist. NASA may well be a civilian agency, but many of its programs are funded by the defence budget, and most of the astronauts are subject to military security regulations—apart from the fact that the National Security Agency screens all films and probably radio communications as well.

We have the statements by Otto Binder, Dr Garry Henderson and Maurice Chatelain that the astronauts were under strict orders not to discuss their sightings.

And Gordon Cooper has testified to a United Nations committee that one of the astronauts actually witnessed a UFO on the ground.

If there is no secrecy, why has this sighting not been made public?

NASA's Scott Carpenter

"At no time when the astronauts were in space were they alone. There was a constant surveillance by UFOs."

References:

- *Above Top Secret*, by Timothy Good
- *Great Mysteries: UFOs*, by Robert Jackson
- *Genesis Revisited*, by Zecharia Sitchin
- *The UFO Encyclopedia*, by John Spencer

(Source: Leland Lehrman, *The Gate*, New Haven, CT, USA, 10 August 1995; Web page: <http://id.wing.net/~gate/gate.html> Downloaded via Pegasus Networks)

ARGENTINIAN PASSENGER JET IN UFO NEAR-MISS

Most Western newspapers carried scant notice of an event that made big news in South America. The following is a compilation of the various bits and pieces picked up by NEXUS.

Close to midnight on Monday 31st July 1995, the pilot and flight crew of an Aerolineas Argentinas passenger jet observed a luminous object approaching their craft as the jet began its landing approach to Bariloche airport, approx. 870 miles from Buenos Aires.

The brightly lit object approached the jet, flashing and changing colours as it came closer. According to some reports, the pilot, Jorge Polanco, feared a collision and took evasive manoeuvres. The bright object then flew in formation with the plane, at a distance of approx. 100 metres.

Most of the estimated 103 passengers also saw the object, with many describing it as a "spaceship" as big as the aircraft, with multi-coloured flashing lights. Observers in the airport control tower, and military officials including Air Force Major Jorge Oviedo, also saw the object.

As the plane and UFO approached the airport, all electrical power at the airport and in much of the nearby city of San Carlos de Bariloche failed, causing a blackout. With the runway lights out, the pilot of the jet aborted his landing approach and brought the plane around for a second attempt, which succeeded.

Meanwhile, witnesses observed the UFO to climb straight up and out of sight at very high speed.

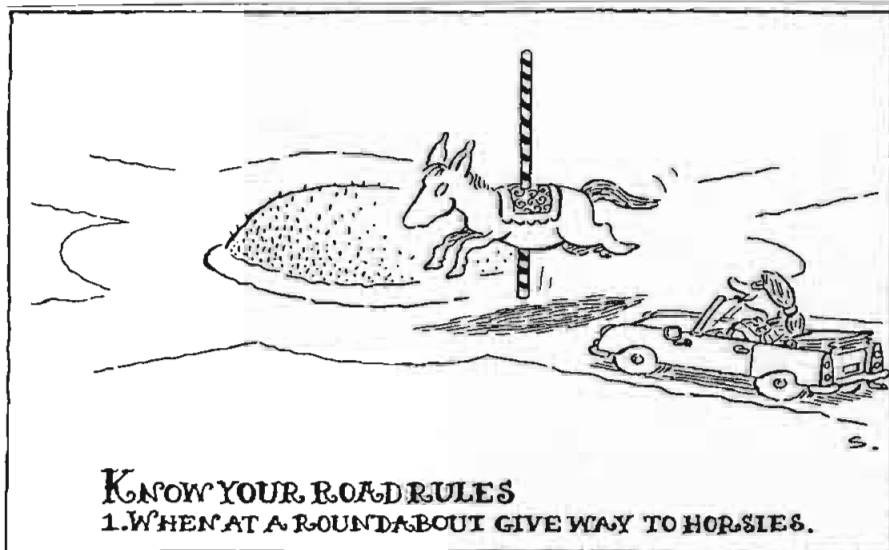
While British and European media gave the story a small mention, Australian and American media did not report it as far as we're aware.

(Sources: *Daily Telegraph [UK]*, 3 August 1995; internet newsgroups soc.culture.argentina, alt paranet.ufo)

POWER OF THE HEALING HAND?

A 316-year-old hand, said to have healing powers, has reportedly helped a priest come out of a coma following a severe stroke.

Father Christopher Jenkins was given little hope of recovery—until his colleague, Fr Anthony Tumuelty, brought the relic to his hospital bedside and placed it on Fr Jenkins' head. Within hours, Fr Jenkins was conscious, and it wasn't long before he was talking, eating and walking.



The relic was the left hand of one John Kemble, a 17th century Catholic priest who was hung, drawn and quartered in Hereford, England, in 1679 for being a traitor. A woman is said to have saved his severed left hand after the execution.

Further details about how the Kemble Hand came to be imbued with healing powers have not been provided, but it is understood to be kept in the altar at St Francis Xavier Church, Hereford.

(Source: *Weekly Telegraph* [UK], #210, 26 July - 1 August 1995)

HOLY GRAIL QUEST QUASHED?

The Holy Grail, the legendary cup used by Jesus Christ at the Last Supper, and in which some of Christ's blood was supposedly saved at the Crucifixion, has been found—twice!

The first claim for the elusive Grail cup's appearance was made by psychologist/Arthurian researcher Dr Graham Phillips who claims the five-centimetre-high green onyx chalice was smuggled into Britain before the sacking of Rome, and became the property of a local king, the Bear (whom he identifies as King Arthur), who lived around Shrewsbury.

To cut a long story short, it eventually turned up in an attic junk box in a Victorian house near Coventry. Dr Phillips claims to have enough documentary evidence to support the Grail cup's existence and has produced a book on the subject.

Within a week of Dr Phillips' announcement, the mysterious Order of the Knights Templar announced from its Rome headquarters that it is in possession of the one true Holy Grail—a mottled green glass vase, 9 cm tall, with base circumference of 7 cm.

Mr Rocco Zingaro di San Ferdinando, the Templars' Grand Master in Italy, said, "We have unveiled the true Holy Grail partly in response to last week's false claim that the grail had been found in Britain, and partly because as mankind approaches the year 2000 it is in need of the Grail for its salvation."

He claims that the relic was recovered by Italian academic and Templar, Antonio Ambrosini, from a Coptic monastery in Egypt and given to the order about 20 years ago. While the cup had not been subjected to scientific tests on its age or origin, it is said to have special qualities hidden in its dimensions.

Apparently at least three churches in Europe also claim to house the true grail,

and countless researchers through history have claimed to have discovered the relic.

Whether found or not, the quest will no doubt continue, for the legend seems to have a life of its own.

(Sources: Reuters, *The Weekend Australian*, 19-20 August 1995; *The Sunday Telegraph*, 20 August 1995)

ITALY FLOODED BY WAVE OF WEEPING MADONNAS

For centuries in Italy, cases have been reported of statues miraculously weeping blood or tears. Already this year, an unprecedented 20 such bizarre "weeping statue" incidents have been reported.

To the faithful, these events are interpreted as divine warnings for Italy and the

world to wash its sins away before the end of this millennium. To sceptics, they are a trick; and to cynics, a Vatican plot to win back support for the Christian Democrat Party!

That hasn't stopped the Vatican from setting up a task force of scientists, doctors, psychiatrists and X-ray specialists to investigate some of these claims.

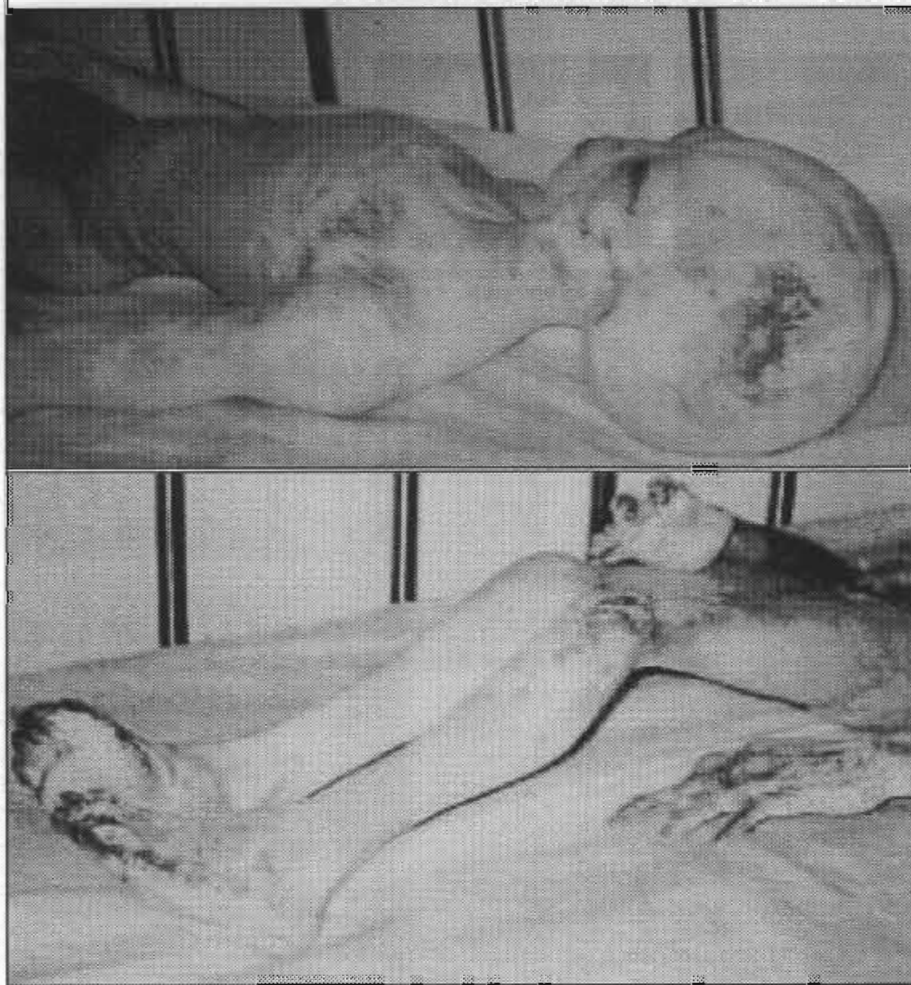
In a strange twist, the tears of blood wept by the 18-inch stone figurine of the Madonna of Medjugorje in Civitavecchia at springtime were found to be human, and male—causing somewhat of a flurry in Church circles.

(Sources: *The European*, 7-13 April 1995; *Weekly Telegraph* [UK], 12-18 July 1995)

ROSWELL ALIEN AUTOPSY REVISITED?

These photographs were published in *Ming Pao* news weekly, issue #1397, August 1995. According to the journalist, the entity shown was found by the US military in Roswell, New Mexico, in 1947. Unlike the "Santilli" footage, the appearance of this entity is consistent with testimonies of various witnesses, and looks a lot more genuine to me.

(Source: Stan Deyo, *WATT's News*, no. 2, September 1995)





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ALIEN CONTACTS & ABDUCTIONS: The Real Story from the Other Side by Jenny Randles

Published by Sterling Publishing Company, Inc. (1994), New York, USA (first published by Robert Hale Ltd, London, UK, 1993)
ISBN 0-8069-0751-7 (191pp s/b)
Price: AUD\$14.95; CAN\$9.95; STG£n/a ; USD\$9.95

Available: **Australia**—Distributed by Quest Books, ph (02) 264 7152; Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **Canada**—Canadian Manda Group, Toronto, Ontario; **UK**—Dist. by Cassell PLC, Villiers House, 41-47 Strand, London WC2N 5JE, ph (01202) 67 0581; **USA**—Dist. by Sterling Publishing Co., Inc., 387 Park Ave South, New York, NY 10016-8810, ph (212) 532 7160.

Jenny Randles, the noted British researcher of unexplained phenomena, has produced this eminently readable guide to help us make sense of the UFO mystery. Originally published in the UK in 1993 as *Aliens*, this US edition will ensure her investigations receive a wider audience.

Randles begins with a potted history of alien contact, and features some landmark cases but with a prime focus on the 1950s onwards. She describes the various types of extraterrestrials reported, including phantasms, shape-shifters, greys and humanoids, and some classic sightings of these forms and their craft from around the world.

From the similarities of UFO/ET sightings, technology and abduction reports in various geographical locations, Randles reckons

there is enough circumstantial evidence defying rational explanation to force her to surmise that something's going on. She doesn't claim to provide answers, but gives a number of possible scenarios so that readers can make up their own minds. Perhaps "(e) all of the above" is the correct answer in this multiple-choice mystery!

THE ORIGINAL JESUS

The Buddhist Sources of Christianity by Elmar R. Gruber & Holger Kersten

Published by Element Books Ltd (1995), Shaftesbury, Dorset, UK
ISBN 1-85230-628-9 (280pp h/b)
Price: AUD\$49.95; STG£16.99; USD\$29.95

Available: **Australia**—Distributed by Jacaranda Wiley Ltd, ph (02) 805 1100; Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Element Books Ltd, ph (01747) 85 1339; **USA**—Element Books, Inc., Rockport, MA.

This latest title from the authors of *The Jesus Conspiracy* contains more startling revelations about the life of Jesus Christ. It offers convincing, well-referenced evidence of extensive Buddhist influences on Jesus, his life and teachings.

Authors Gruber and Kersten claim that Jesus was brought up by the Therapeutae—Theravada Buddhist missionaries to the biblical lands, based near Alexandria—and that his spiritual development was continued by the Buddhist-influenced Essenes and Mandaeans.

As further support of their claim, the authors explore the close parallels between early Buddhist texts and the so-called "Q" material—aphorisms recorded in the Gospels

of Matthew and Luke and considered to be directly attributable to Jesus.

The Original Jesus traces the historical exchanges between the biblical lands and Indian culture—a trade not just in goods but in mythology, religious ideas and philosophical systems. The facts surrounding the authors' portrait of a compassionate, loving, wise Christ are at odds with what has become Christianity according to the Church, so this work is controversial yet compelling reading.

UFOs: PSYCHIC CLOSE ENCOUNTERS/ THE ELECTROMAGNETIC INDICTMENT by Albert Budden

Published by Blandford Books/Cassell PLC (1995), London, UK
ISBN 0-7137-21421-8 (256pp s/b)

Price: AUD\$19.96; STG£9.99; USD\$n/a

Available: **Australia**—Dist. by Capricorn Link, ph (02) 899 8322; Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Dist. by Cassell PLC, London, ph (01202) 67 0581; **USA**—Dist. by Sterling Publishing Co., Inc., 387 Park Ave, New York, NY 10016-8810, ph (212) 532 7160.

According to British ufologist Albert Budden, our concepts of what constitutes alien intelligence need to be revised. After many years of investigating reports of UFO sightings and close encounters, he presents his case for an hypothesis of "electro-staging" to explain many (but not all) of the characteristics of the experience.

Drawing upon Michael Persinger's landmark mind research, as well as some famous case studies, Budden redirects the UFO mystery towards an exploration of the interaction between human unconsciousness, or the

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unconscious intelligence, and electromagnetic fields.

If human states of mind can be altered by natural changes in the Earth's magnetic fields as well as by the application of controlled frequencies for specific effects (à la Persinger), Budden theorises that in these days of global electromagnetic pollution the alien experience may be a side-effect of our own ever-expanding technology. Indeed, he claims that many psychic phenomena seem to be a function of such interaction.

Originally a UFO believer, Albert Budden was a science-based sceptic until becoming disenchanted with the tendency to dismiss the unknown without tackling the unanswered questions. He claims his hypothesis is the result of a logical progression.

Budden's thesis is a controversial approach that can't be ignored in any serious study of ufology or the unexplained.

A BOOK OF COINCIDENCE: New Perspectives on an Old Chestnut by John Martineau

Published by Wooden Books (1995), The Walkmill, Cascob, Presteigne, Powys, Wales, UK

ISBN 0-9525862-0-7 (132pp s/b sp/bnd)

Price: AUD\$*n/a*; STG£11.95; USD\$*n/a*

Available: **Australia**—Sydney Esoteric Bookshop, ph (02) 212 2225; **UK**—NEXUS UK Office, ph (01342) 32 2854; **USA**—Adventures Unlimited, ph (815) 253 6390.

This is an awe-inspiring study of the geometry of the solar system and of the mathematical interrelationships between the planets. John Martineau has assembled such a

remarkable collection of diagrams illustrating the harmonies of planetary proportions that we can't help but conclude there is an organising principle at work in the cosmos.

This is a subject many call "sacred geometry", because the same mathematical and geometric ratios occur in all our ancient mystery sites such as Stonehenge, the Great Pyramid of Gizeh, as well as mediaeval cathedrals and even some modern churches.

There is also a fascinating link between this geometry and many of the unhoaxed "crop circles", or formations as they should be called. (See story this issue.)

A Book of Coincidence is an excellent, well-illustrated and clearly presented book for anyone wishing to explore the many angles of sacred geometry (pun intended!).

THE COSMIC CONNECTION: Worldwide Crop Formations and ET Contacts

by Michael Hesemann

Published by Gateway Books (1995/96), Bath, UK

ISBN 1-85860-017-0 (168pp s/b)

Price: AUD\$35.95; STG£12.95;

USD\$19.95

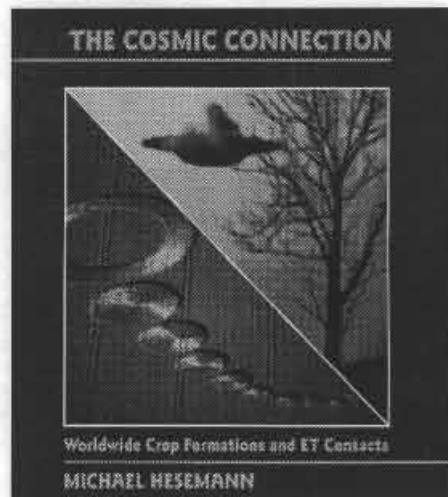
Available: **Australia**—Banyan Tree Book Distributors, PO Box 269, Stirling SA 5152, ph (08) 388 5354, fax (08) 388 5365; **UK**—Gateway Books, The Hollies, Wellow, Bath, BA2 8QJ, ph +44 (01225) 83 5127, fax +44 (01225) 84 0012; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

This beautifully produced book, by Michael Hesemann, Editor of the German UFO periodical, *Magazin 2000*, chronicles two mysteries—crop circles and UFOs—and speculates on their cosmic connections.

Many observers have seen UFOs and unexplained phenomena near crop circle formations all around the world. Having spent several years researching crop circles in England, Germany, the USA and Canada, Hesemann believes there are features common to both UFOs and crop circles, and concludes that ETs have had a part in initiating crop circles over the last 30 years.

Hesemann includes an inspiring analysis of crop circle mathematics and symbologies and their similarities with glyphs and designs from ancient and indigenous civilisations worldwide. Drawing upon evidence of ancient ET contact with Earth, Hesemann theorises on crop circles and their cosmic meaning and message.

The Cosmic Connection is richly illustrated with full-colour photos of crop circles (up to 1994) and key sacred sites as well as some classic UFO pics. Fascinating material and an intriguing perspective.





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ENCHIRIDION TO THE TOTALITY

by J. Fortnum and R. E. Bollard

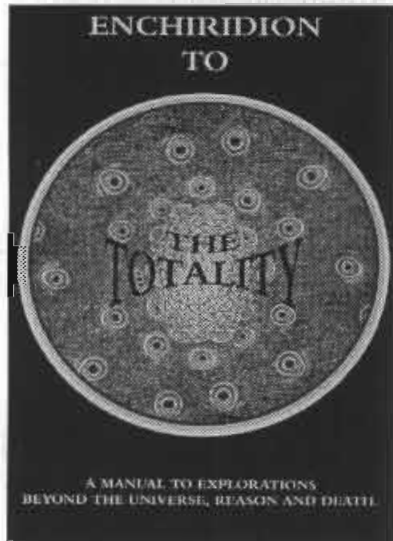
Published by Fortnum and Bollard (1993), Fyshwick, ACT, Australia

ISBN 0-9520980-0-8 (300pp s/b)

Price: AUD\$22.00 + \$3 p&h in Aust. from authors; STG£14.99; USD\$/n/a

Available: **Australia**—J. Fortnum and R. E. Bollard, PO Box 1622, Fyshwick, ACT 2609, ph (06) 238 1443; **UK**—Watkins Books Ltd, 10 Cecil Court, London, WC2N 4EZ, ph (0171) 836 2182, fax (0171) 836 6700; **USA**—Waterstones bookstores, Boston and Chicago.

"Enchiridion" is a Greek-derived word meaning "handbook", and this self-published guide to understanding the Totality of exis-



tence is a distillation of ageless wisdom based upon direct experience.

The authors spent many years exploring the mysteries of life and consciousness amidst the timeless wilderness of the Great Dividing Range, New South Wales. On their 'journey' they arrived at states of realisation of absolute experience—the Totality—which utterly changed their reality viewpoints.

This handbook is the result of their combined journey beyond the known, with the Totality as the ultimate reference point in life, living and beyond. Once discovered, there is a realisation that there is no other way to be. Fortnum and Bollard show how close this realisation is for all, and that, as we're all unique, our experiences are matchless and unpredictable in the Totality.

Enchiridion to the Totality is for those committed to finding absolute freedom, and for those who have merely an inkling of the possibilities and are curious to understand more. But the pilgrim must to come to terms with notions such as duality, suffering and belief-system enslavement to execute the appropriate reality shifts!

PROJEKT UFO: THE CASE FOR MAN-MADE FLYING SAUCERS

by W. A. Harbinson

Published by Boxtree Ltd (1995), Broadwall House, 21 Broadwall, London SE1 9PL, UK ISBN 0-7522-0895-0 (282pp h/b)

Price: AUD\$39.95; STG£16.99; USD\$24.95

Available: **Australia**—Dist. by Random House, ph (02) 954 9966; **UK**—Littlehampton Book Services, Littlehampton, W. Sussex, ph (01903) 76 2410, fax (01903) 73 0914; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph +1 (815) 253 6390, fax +1 (815) 253 6390.

Projekt UFO is a fascinating account of the history of UFOs, but from the perspective of their being man-made, not extraterrestrial craft.

Author W. A. Harbinson submits evidence of Allied pilots being tailed by strange 'fireballs' during night missions over Germany in 1945; of highly advanced German science missions being secretly established underground in Antarctica in the final years of World War II; and of German prototype flying saucers being constructed in Canada in the early 1950s—from where the UFO fly-past over Washington, D.C., in 1952 may well have originated.

Top-secret US-based operations from the 1950s are touched upon with anecdotal and archival photographic back-up.

Of particular interest is Harbinson speculation about Antarctic flying saucer activity noted during US Navy Rear Admiral Harley Byrd's 1947 4,000-man Antarctic expedition, code-named *Operation Highjump*.

Forget ETs and invasions from space: the terrestrial scenarios Harbinson speculates upon are already frightening enough!

AIDS: THE GOOD NEWS IS HIV DOESN'T CAUSE IT...

by Peter Duesberg, Ph.D. and John Yiamouyiannis, Ph.D.

Published by Health Action Press (1995), Delaware, Ohio, USA

ISBN 0-913571-05-9 (200pp s/b)

Price: USD\$15.00

Available: **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

This is a collaborative work based partly on a 1993 lecture given by Dr Peter Duesberg (Prof. of Molecular and Cell Biology at the

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Uni. of California, Berkeley), well-known—and criticised—for his challenge of the HIV/AIDS hypothesis.

The material is drawn also from Dr Duesberg's published papers and from cross-examination between Duesberg and Dr John Yiamouyiannis (who does disagree on certain points).

Dr Duesberg claims that all cases of AIDS (except for haemophiliacs) can be explained by use of recreational drugs and DNA-inhibiting chemotherapy, e.g., AZT and ddI. Once found to be HIV-positive, people are given immunity-suppressing drugs and ultimately get AIDS.

Yiamouyiannis' view is that AIDS diseases—including cancer, weight loss and dementia—are the result of immune-deficiency and that an HIV-positive response can be an indication of a pre-existing immune-deficiency.

This book aims to demystify the AIDS mystery and explain the AIDS conspiracy, but also gives common-sense advice on how to avoid AIDS if you are HIV-positive. It has an extensive reference bibliography covering AIDS/HIV-related literature for interested researchers.

NEW WORLD ATLAS: Volume 2—Earth Changes Prophecies from the Ascended Masters for Japan/Australia/China/India by Lori Adaile Toye

Published by Seventh Ray Publishing (1994)
Payson, Arizona, USA
ISBN 1-880050-07-2 (139pp s/b)
Price: USD\$17.00

Available: USA—I Am America, PO Box 2511, Payson, AZ 85547, ph +1 (602) 474 1341, fax +1 (602) 474 8799.

This second volume *New World Atlas* features Earth changes prophecies from the "Ascended Masters" for Australia, New Zealand, China, Japan, Philippines, India, and Siberia, as transmitted to Lori Toye.

The Atlas comprises lessons of preparation from masters Mary, Sananda, Saint Germain and Kuan Yin on surviving the coming Earth changes, giving advice about co-creation with the elemental forces—and on handling it all with love and without fear.

The second part presents 12 close-ups of "The Greening Map", and the scene over the next few hundred years would seem to be of many lands submerging and new areas rising—ecological alchemy of catastrophic proportions.

Much of Australia's coastline is expected to be inundated; the continent is seen to split from SA up to Cape York and create an inland sea; a huge bay is seen to form in the

area between WA and SA; the Tasmanian land mass and a vast area from central Queensland out into the Coral Sea are seen to expand—as are both north and south islands of New Zealand. Challenging information in these times of transformation.

THE BOOK OF MAGNETIC HEALING AND TREATMENTS

by Noel C. Norris

Published by International Research & Development Magnetic Health Products Organisation (1995), Bentleigh, Victoria, Australia

ISBN 0-646-24986-2 (128pp l/f s/b)

Price: AUD\$29.00 + AUD\$10.00 overseas airmail

Available: **Australia**—Better Living Magnetic Therapies, 1006 Glenhuntley Rd, Caulfield South, Vic. 3162, ph +61 (03) 9563 5526, toll free 1-800-640 638, fax +61 (03) 9563 5891.

Designed as a manual for both the layperson and professional therapist, this book outlines the theory and practice of magnetic treatment in healing. It's a self-help guide to how and when to use magnets, which poles to use, how to diagnose and treat hypo- and hyper-conditions with magnets, how to overcome effects of EMR, how to make and apply magnetic water, and how to use magnets in preventive medicine.

Author Noel Norris, a magnetic healer and a former pharmaceutical multinational executive, provides essential tips for treating an array of disorders from abscesses to whooping cough, as well as illustrations to help locate specific acupoints. This is a very handy reference book for practitioners and budding self-healers alike.

GOATS MILK: THE NATURAL ALTERNATIVE

by Tinsley Beck, B.A., M.Ed.

Published by T. & M. Beck (1989), Gidgegannup, WA, Australia
ISBN 0-7316-7581-9 (160pp s/b)

Price: AUD\$10.00 inc. local p&h; + AUD\$6.00 airmail to NZ; AUD\$10.00 airmail elsewhere

Available: **Australia**—Beck's Goat Dairy, Lot 19 Bailup Road, Gidgegannup, WA 6083, ph +61 (09) 574 7169.

Author and dairy goat farmer Tinsley Beck sent us a copy of his book after reading our "Perils of Pasteurised Milk" story in our last issue (NEXUS 2/27).

Goats Milk: The Natural Alternative is a very readable, balanced argument covering the problems associated with drinking cow's milk as opposed to goat's milk, and the pros and cons of pasteurisation.

Beck investigates important safety issues about raw milk vs pasteurised milk and goes

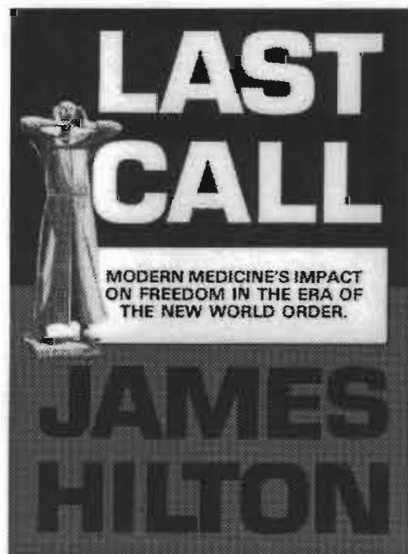


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into the nutritional aspects and health effects in some detail. For example, the symptoms of babies suffering colic disappeared completely after their mothers switched to drinking goat's milk.

It seems that even with Beck's balanced treatment which draws upon the available medical literature, the case weighs in favour of goat's milk. The reader is left considering making serious changes to dietary habits towards the health benefits offered by goat milk products.



LAST CALL: Modern Medicine's Impact On Freedom In The Era Of The New World Order

by James P. Hilton

Published by International Press Publications (1994), Whakatane, New Zealand

ISBN 0-473-02887-5 (84pp s/b)

Price: AUD\$15.95 + AUD\$2.00 p&h; NZD\$16.95 + NZD\$2.00 p&h

Available: **Australia**—International Press Publications, 35/22 Commodore Drive, Paradise Waters Qld 4217, ph +61 (07) 5527 1097; **New Zealand**—Int. Press Publications, 150 King St, Whakatane, ph/fax +64 (07) 308 6728.

James P. Hilton is a former US paramedic turned civil rights campaigner, writer, lobbyist, hunger-striker and whistle-blower. In this, his fifth book, he focuses on corruption in the medical/scientific/pharmaceutical/business worlds within the wider context of our diminishing personal freedoms.

Hilton draws on a multitude of instances where big business and high technology interests have been poisoning us for decades—e.g., contaminating our water sup-

plies with fluoride and chlorine—thus limiting our potential as effective human beings and even causing untimely death.

Hilton argues that we cannot live in a 'free society' if individuals cannot escape the medical/scientific and government intervention in their lives. While warning us about the increasing levels of surveillance in our daily living, Hilton encourages us to speak out if we want to save what's left of our freedoms.

He includes an appendix with tips on how to write effective letters and press releases, organise petitions/demonstrations/hunger strikes/boycotts, and gives a few pointers on whistle-blowing and non-violent civil disobedience. It may not be too late after all.

OXYGEN HEALING THERAPIES

by Nathaniel Altman

Published by Healing Arts Press (1995), Rochester, Vermont, USA

ISBN 0-89281-527-2 (209pp s/b)

Price: AUD\$26.00; STG£10.99;

USD\$12.95

Available: **Australia**—Sydney Esoteric Bookshop, 408 Elizabeth St, Surry Hills NSW 2010, ph (02) 212 2225, fax (02) 212 2448; **UK**—Deep Books, U/13, Cannon Wharf B/C, 35 Evelyn St, London, ph (0171) 232 2747, fax (0171) 237 0067; **USA**—Inner Traditions, PO Box 388, Rochester, VT 05767, ph toll free 1-800-488 2665.

Bio-oxidative therapies have been used extensively in Europe for over 30 years to treat a variety of medical conditions including asthma, cancer, heart disease and AIDS—yet medical practitioners and suppliers in the US, Canada, Mexico, Australia, and more, have been raided, jailed without trial, prosecuted, fined huge amounts of money, stripped of all assets and worse.

Bio-oxidative therapies—such as infusion of ozone, intake of hydrogen peroxide—and their benefits have been ignored or slandered by the medical/scientific establishment and the media. Yet despite the grudging recognition that most disease states are accompanied by cellular oxygen starvation, the bureaucracy is doing its best to eradicate these therapies. The crux of the matter is that oxygen and ozone can't be patented.

In *Oxygen Healing Therapies*, holistic therapist/author Nathaniel Altman cites documented case study evidence from Germany, Cuba, Russia, France and the US. He places bio-oxidative therapies in the context of holistic health, showing how oxygen's therapeutic benefits can be enhanced with right attention to diet, exercise, specific mineral/herbal supplements, and even visualisation, for optimum health and vitality.

Altman has included a useful resource/reference section for health consumers wanting to better inform themselves about their healthcare options. Worth looking into!

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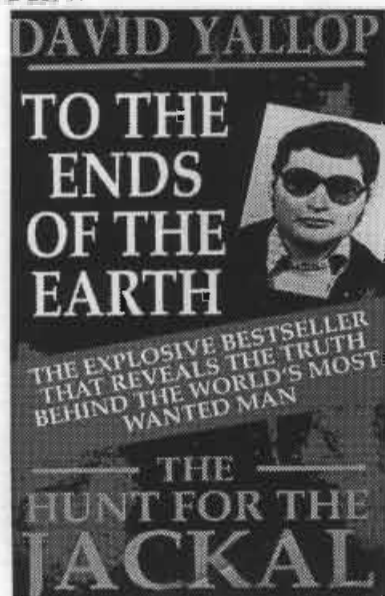
BOOKS

TO THE ENDS OF THE EARTH:

The Hunt for the Jackal

by David Yallop

Published by Corgi Books/Transworld Publishers Ltd (1994), London, UK
ISBN 0-552-12763-9 (798pp p/b)
Price: AUD\$14.95; NZD\$18.95;
STG£6.99; USD\$39.95 (J. Cape h/c)
Available: **Australia**—Distributed by Transworld Publishers; Sydney Esoteric Bookshop, 408 Elizabeth St, Surry Hills, NSW 2010, ph (02) 212 2225, fax (02) 212 2448; **New Zealand/UK**—Dist. by Transworld; **USA**—Dist. by Ballantyne Books/Random House, New York, ph (212) 572 2571.



Warning: This book is not just about "Carlos the Jackal"!

David Yallop is also the author of the well-read book, *In God's Name*, which explores the death of a recent Pope in terms of assassination, instead of death by natural causes. As such, Yallop has earned a well-deserved reputation as a persistent and thorough researcher across the world.

Drawing on his contacts in the shadowy field of intelligence and politics, David Yallop has compiled an amazing book on the politics and dynamics of global terrorism and the Middle East.

Be warned, though: you will not find the usual shallow research of black-and-white goodies and baddies.

This book will shock you—and, by the way, it is an excellent and gripping read. It ranks in readability up there with the best fictional spy dramas, despite being a non-fiction book.

Informed NEXUS readers will love this book. You will discover how much rubbish we have been told, not only about Carlos the Jackal but about all terrorism. In fact, you will discover that some major 'terrorist' incidents were perpetrated by governments for their own internal agendas, and then blamed upon terrorists like Carlos. The side-effects of this are remarkable, as you will read for yourself.

This is a must-read book for anyone seeking an overview of both the Middle East's history and how terrorism fits into it.

...AND THE TRUTH SHALL SET YOU FREE

by David Icke

Published by Bridge of Love Publications (1995), Isle of Wight, UK
ISBN 0-9526147-0-7 (495pp s/b)
Price: AUD\$29.95; STG£10.95;
USD\$18.95 + p&h
Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph (074) 42 9280, fax (074) 42 9381; **UK**—Bridge of Love Publications, PO Box 30, Ryde, Isle of Wight PO33 2NJ, ph (0115) 934 2049; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

This is going to be a controversial book, especially in the UK. For readers outside of the UK, David Icke is an extremely well-known ex-TV sports presenter-cum-high-profile greenie. A couple of years ago he wrote a book, *The Robots' Rebellion*, which is essentially a conspiracy history of the world but with a spiritual undertone.

In that book, Icke made reference to the notorious *Protocols of the Elders of Zion*, and, boy, did the hatchets fly! If you read the so-called left-wing press in the UK, David Icke is now a neo-facist right-wing extremist because of that book. David also plugs NEXUS Magazine during his speaking tours, which has also earned us the de facto right-wing-extremist tag in some circles.

David has drawn upon many obscure books and magazines (like NEXUS) to expose an enormous web of interconnected international manipulation, with the same key people and organisations popping up repeatedly. To NEXUS readers this is not a new concept, although I am sure many of the details in the book will be new to many. Again, there is an overall spiritual, non-dogmatic undertone that clearly shows where the author is coming from.

Thus there is no hate or anger at the gross injustices perpetuated on the masses by the few over the centuries. Instead, there is a level of understanding that stems from the heart of humanity.

A must-read book!



REVIEWS

VIDEOS

UFOs: SECRETS OF THE BLACK WORLD: The US Govt's Top Secret UFO Research Program

Produced by 2000 Film Productions (1995), Düsseldorf, Germany
Price: AUD\$49.95; STG£25.00 (PAL/VHS, 135mins)

Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton Qld 4560, ph +61 (074) 42 9280, fax +61 (074) 42 9381; **UK**—NEXUS Office, 55 Queens Rd, E. Grinstead, W. Sussex RH19 1BG, ph +44 (01342) 32 2854, fax +44 (01342) 32 4574.

This is yet another excellently produced and presented video by Michael Hesemann, editor of *Magazin 2000* in Germany. Michael is also responsible for one of the best UFO documentaries available, *UFOs: The Secret Evidence*.

His latest work deals with the much-researched, and now well-visited Area 51 in the US state of Nevada.

This is the area you read about in all the UFO magazines as having crashed UFOs, dead alien bodies, and strange lights in the sky almost every night.

The documentary contains many interviews with people who claim to have worked at various locations in this vast facility, also known as "Dreamland"—people such as Robert Lazar, a nuclear physicist who claims he was hired to 'back-engineer' several types of alien craft at Area 51.

All in all, this is a documentary guaranteed not to disappoint!

HOAGLAND'S MARS: Volume III THE MOON/MARS CONNECTION with Richard C. Hoagland

Produced by B. C. Video Inc. (1994), Burlington, VT, USA
Price: AUD\$85.00; STG£25.00; US\$39.95 (PAL or NTSC/VHS, 2-tape set, 3hrs)

Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton Qld 4560, ph (074) 42 9280, fax (074) 42 9381; **UK**—NEXUS Office, ph (01342) 32 2854, fax (01342) 32 4574; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

Presented for the first time ever at Ohio State University on 2 June 1994, this video uses NASA's own data to show the case for the existence of alien artefacts on our Moon.

Using state-of-the-art computer image processing and other analytical techniques, you are taken into a world of gigantic, mysterious structures where NASA says there are none.

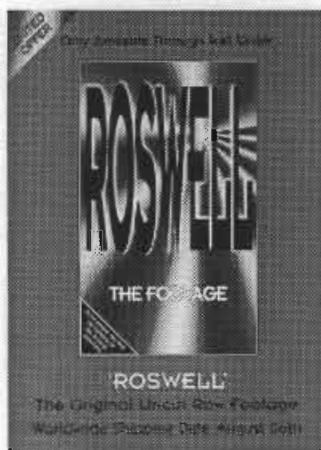
Hoagland always puts together a top-quality presentation, and this video is certainly up to his usual standards. Top viewing!

ROSWELL: THE FOOTAGE

Produced by Robert Kiviat (1995), UK
Price: AUD\$85.00 + AUD\$4.00 p&h; STG£33.00 (PAL/VHS); USD\$n/a (60mins, inc. 23mins autopsy footage)
Available: **Australia**—UFO Experience Support Assoc. Inc. (UFOESA), PO Box 191, Regents Park, NSW 2143, ph 018 649 428; **UK**—Merlin Tapes, PO Box 1790, Marlow, Bucks. SL7 2RS, ph +44 (01628) 487287; fax +44 (01628) 487377; **USA**—Trimark (somewhere in USA!).

According to *The Australian* newspaper of 5th September '95, the Roswell documentary screened on the Nine network across Australia rated number one for the week, with close to 2 million viewers!

This one-hour video contains the full 23 minutes of autopsy footage that has UFO buffs and sceptics alike buzzing like flies around a dead alien. Is it a dead alien, a US Government radiation experiment, a skinned monkey or a medical experiment gone wrong? If it is an alien, did it come from the Roswell crash of 1947, or another such crash? You be the judge!



MAGNETS & HEALTH:

Don Lorimer's Biomagnetics with Don Lorimer and Dan Winter
Produced by Daniel Winter & Friends/Crystal Hill Farm (1994), Eden, NY, USA
Price: AUD\$30.00 inc. p&h; airmail AUD\$35.00 to NZ; AUD\$47.00 to UK/Europe (PAL/VHS); USD\$17.00 + p&h (NTSC/VHS) (122 mins)
Available: **Australia**—Cliff Pound, PO Box 202, Bangalow, NSW 2479; **USA**—Dan Winter & Friends, 137 Biodome Drive, Waynesville NC 28786, ph +1 (704) 926 2200, fax (704) 926 9041.

An excellent video discussing the observed effects of magnets on living organisms. Includes healing effects, pain relief, magnetic repolarisation of the body, and even an amazing discussion towards the end regarding the regrowing of limbs aided by magnets.

REVIEWS



AUDIO

SOUND OF DREAMS

by David Such

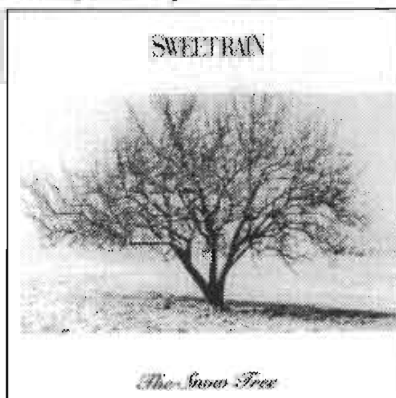
Produced by David Such for Pleasure Center Productions (1995), Los Angeles, CA, USA

Price: USD\$14.99 + USD\$1.50 p&h (CD only) (35mins)

Available: USA—Pleasure Center, PO Box 92, Claremont, CA 91711, ph (909) 625 5732; selected music shops.

This very gentle combination of flute, flamenco guitar and percussion carries pictures of the cultures around the Mediterranean, Spain and North Africa, with an added flavour of North American flute.

David Such is an innovative composer and musician who has trained in Arab and Western styles, specialising in both western and non-western flutes and clarinets. He combines these in a sweet, soulful album of relaxed moods that will take you to some very pleasant places in your mind. An extremely mellow performance.



THE SNOW TREE

by Sweet Rain

Produced by John Greenfield for Uncle Music (1994), Australia

Price: AUD\$29.95 (CD) (53mins)

Available: Australia—Dist. by Movieplay Australia, PO Box 575, Broadway, NSW 2100, ph (02) 905 0199, fax (02) 905 6372; selected music shops.

An all-Australian quality production of beautiful ambient music with depth and vibrance. Several tracks from *The Snow Tree* were used as the background to Australia's Channel Nine's coverage of the 1994 Winter Olympics.

The Snow Tree is a collection to listen to with friends or as quiet relaxation on your own. It's a tribute to Australian composition, and the album cover contains a bonus 12-page booklet of essential environmental photos as an added touch to this excellent production. Recommended.

SPIRIT OF AUSTRALIA

Produced by Wild Eagle Productions

(1995), East Kew, Victoria, Australia
Price: AUD\$16.95 (cass.), AUD\$24.95 (CD) (54mins)

Available: Australia—Wild Eagle, PO Box 260, East Kew, Vic. 3102, ph (03) 9815 1162, fax (03) 9819 4908.

A first-release compilation of top Australian talent, whose music is distributed by Wild Eagle, representing a broad range of ambient musicians across the country—Ian Cameron Smith and his fantastic acoustic guitar, Vicki Hansen's deep heart Australian sound, Malcolm Harrison's piano, Chris Buckman's "Pachelbel", Ken Davis's graceful sounds, Simon Lewis's beautiful coastal composition and Michael Wild's drifting eternal soundings. *Spirit of Australia* is a competent and delightful album promoting some of the best Australian composers.

TRIBAL JOURNEY

by Joe Giea and Friends

Produced by Michael De Florio (1994) for World Wide Concepts/Larrikin Entertainment

Price: AUD\$27.95 (CD only) (37 mins)

Available: Australia—Dist. by Larrikin Entertainment, PO Box 501, Mascot, NSW 2020, ph (02) 700 9199, fax (02) 700 9155.

A unique, experimental project album fusing Aboriginal rhythm with contemporary music, mixed with ambient explorations. A blending of different music styles done in such a way that will intrigue.

Snatches of deep tribal connections take you to some very primitive places on *Tribal Journey*—a trip that will entrance and move you very deeply at the same time. Decidedly different music.

QAWWALI: THE VOCAL ART OF THE SUFIS

by Nusrat Fateh Ali Khan

Produced by JVC (1990), Tokyo, Japan
Price: AUD\$18.95 (cass.), AUD\$28.95 (CD) (61mins)

Available: Australia—New World Productions, PO Box 244, Red Hill, Qld 4059, ph (07) 367 0788, fax (07) 367 2441.

If you haven't heard this man sing before, you've missed a real treat. The sound of Nusrat Ali Khan of Pakistan performing his fervent, driving, religious music, called "Qawwali", is a sound to be savoured.

Each moving and celebratory performance is captured on just four long tracks here, each of about 15 minutes, giving plenty of time for enjoying the lead-and-answer response style of Qawwali. The vocalists are accompanied by drums and harmonium. A compelling and deeply infectious sound.



REVIEWS

AUDIO

WHERE THE EARTH TOUCHES THE STARS (Vol. 1)

by **Ancient Brotherhood**

Produced by Astromusic (1995), New York, NY, USA

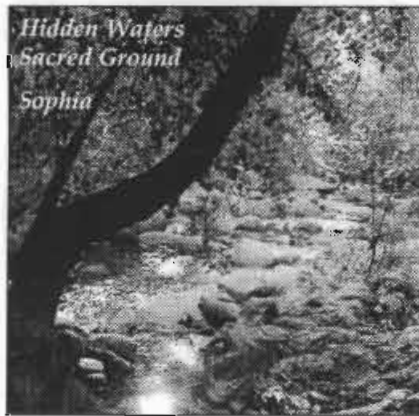
Price: AUD\$29.95 (CD); USD\$9.98 (cass.), USD\$15.98 (CD) (47mins)

Available: **Australia**—New Age Media, PO Box 789, Fremantle, WA 6160, ph (09) 430 7777; **USA**—Audio Alternatives, PO Box 405, Chappaqua, NY 10514, ph (914) 238 5943, fax (914) 238 5944.

This album builds a powerful, earthy connection to the planet and combines it with music straight from the stars. It was recorded in Sedona, Arizona, place of mystery, sacred Earth energy and deep links with the distant past.

Gerald Jay Markoe is famous for his collection of Pleiadian music albums and his angel meditation series. Here, joined by A. Brent Chase of the Navajo nation on native flute, he has produced an exceptional musical creation.

I could hear this over and over and not tire of the gutsy, earthy sounds of flute and percussion. Highly recommended.



HIDDEN WATERS/SACRED GROUND

by **Sophia**

Produced by Hidden Waters Sanctuary (1986, 1994), Carmel Valley, CA, USA

Price: AUD\$18.95 (cass.), AUD\$28.95 (CD); USD\$10.00 (cass.), USD\$15.00 (CD) (46mins)

Available: **Australia**—Dist. by Wild Eagle Trading, PO Box 260, East Kew, Vic. 3102, ph (03) 859 3275, fax (03) 819 7182;

USA—Dist. by Ivory Moon Recordings, Wellesly, MA, ph (617) 237 6686, toll free 1-800-515 8515, fax (617) 235 6789; selected music shops.

A deeply moving and evocative experience of sacred singing in Bengali, Lakota Indian

and traditional style. *Hidden Waters/Sacred Ground* combines Sophia's extraordinarily powerful, golden voice with keyboards, zither, bamboo flute, violin and tambouras in an album that's become a classic of inspirational music. When Sophia sings, the angels' choirs respond from the heavenly realms and a new synthesis of Heaven and Earth is born.

This is an album for healing your wounds and for rising above the mundane to new heights. Recently released on CD for the first time, it is thoroughly recommended.

WHERE WILD SALMON RUN

by **Native Ground**

Produced/composed by Native Ground for Raven Records (1995), Red Bank, NJ, USA

Price: AUD\$18.95 (cass.), AUD\$28.95 (CD); USD\$9.95 (cass.), USD\$14.95 (CD) (65mins)

Available: **Australia**—Dist. by Wild Eagle Trading, PO Box 260, East Kew, Vic. 3102, ph (03) 9815 1162, fax (03) 9819 4908;

USA—Raven Recordings, PO Box 271, Cooper Station, NY 10276, ph (212) 505 7928, toll free 1-800-76RAVEN.

This is an album dedicated to the places of wilderness left in the world. Native Ground, consisting of Al Schakman, Gordy Ryan and Gary Thomas, produced this live album in the islands of British Columbia, Canada.

With the sound of some delightful percussion plus fresh, natural guitar and haunting didgeridoo, *Where Wild Salmon Run* captures a remarkably alive session of Earth tones and takes you on a virtual journey through the native grounds.

DREAM

by **Upalappa Srinivas and Michael Brook**

Produced by Michael Brook (1995) for Real World Records, Corsham, Wiltshire, UK

Price: AUD\$29.95 (CD); STG£12.99 (CD); USD\$/n/a (44 mins)

Available: **Australia**—Dist. by Larrikin Entertainment, PO Box 501, Mascot, NSW 2020, ph (02) 700 9199, fax (02) 700 9155;

UK—Real World Records, Box, Corsham, Wiltshire, SN14 9PN, ph (01225) 74 3188, fax (01225) 74 3481; **USA**—Caroline Records, 114 W. 26th St, New York, NY 10001, ph (212) 989 2929.

Upalappa Srinivas is an Indian classical musician known as one of the greats in his home country. This album combines his virtuoso playing using a five-stringed electric mandolin, together with musicians from six countries.

In *Dream*, Eastern and Western consort to produce a mixed mood piece of electrifying rhythms running along the strings, juxtaposed with slow, peaceful, ambient drift tones. Very exciting and challenging music. Definitely worth hearing.

Continued from page 20

Some of the hazardous side-effects given in the medical literature for fluorinated anaesthetics are difficult to separate from those effects intended to induce a hopefully controllable unconscious state. For example, under "toxic effects" are listed "respiratory depression", "depressant action on the cardiovascular system", "bradycardia and profound hypotension" (or slowing pulse and drop in blood pressure), "hepatic dysfunction" (or liver damage), "Halothane blocks the transmission of nerve impulses through ganglia" (or central nervous system inhibition), and "cardiac arrest" (or death).

In other words, all of the anti-cholinergic effects variously intended or variously inherent are induced by the fluorinated propellants, fluorinated pharmaceuticals and/or fluorinated tranquillisers and fluorinated exterminators.

So far, these 'data' pages illustrate how fluorine and fluorination have been sold, packaged and/or prescribed for both public and professional credibility on 'health' grounds. The final page deals with the same halogen as it really is, really was and always will be, and as it is employed in

those products listed. It is one of the deadliest, multi-functional and insidious poisons known to mankind.

It is significant, in the context of deliberate government mind-control and physical/chemical intervention, to note that in Australia the hazardous fluorinated anti-metabolic agents and anti-cholinergic agents enjoy federal and state government approval and subsidised distribution, whilst the safe nutritional substances, vitally necessary to combat and repair systemic chronic toxic injury wrought by the 'free drugs', are available only at considerable cost to the victim. Furthermore, the same bureaucracy that approved the 'killers' has sought to restrict public access to the remedial supplements. Some local councils even infringe the laws of medical prescription and issue free sodium fluoride tablets for dosing of children without any warning, much less any advice on antidotes.

And those same government instrumentalities and ministerial 'heads' that oppose the ready availability of nutritional supplements are the same ministers and public servants who lie, cheat, defraud, defame, blackmail and coerce to increase the distribution or compel the ingestion of fluorides

and fluoride-bearing products; the same as those who, in defiance of the Australian Constitution (Section 51 [xxiiiA]), legislated to have the chemical dumped into our drinking water supplies.

To sum up the above, the killer drugs are approved, encouraged or enforced and subsidised, while the vital remedial nutrients and metabolites (rendered necessary by the 'free' hazardous drugs) are not subsidised but availability is officially discouraged and obstructed.

FLUORINATED EXTERMINATORS Fluoridated Death (The ultimate in mind and behaviour control)

As with tranquillisers and anaesthetics, chemical warfare gases are halogenated. Riot-control gases, tear gas or lacrimators employ either chlorine (chlorinated, e.g., mace) or bromine (brominated) as halogenators, but the lethal German-developed (I. G. Farben) nerve gases Soman and Sarin are both fluorinated and replaced the earlier chlorinated Tabun for speed and efficacy in killing the enemy by their immediate anti-cholinergic agency.

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1—SARIN: Isopropyl methylphosphorofluoridate

2—SOMAN: Pinacolyl methylphosphorofluoridate.

The almost immediate death caused by exposure to nerve gases is a result of instantaneous 'blocking' of catalysis and nerve action by the fluorinated gas, by acute anti-cholinergic agency (enzymatic 'blocking') and consequent cessation of heart and lung function.

Included here are two medical fluorinated compounds called:

3—DYFLOS (Di-isopropyl fluorophosphate): Designed to treat, *inter alia*, the eye disease of glaucoma, it is described in the literature as an "irreversible cholinesterase inhibitor [anti-cholinergic agent] and the toxic effects may be prolonged. Systemic toxicity occurs after inhalation of the vapour."

4—FLUOROURACIL: Uracil is an essential human metabolite. It is fluorinated in a 'last resort' attempt to control the growth and/or destroy cancer cells through enzyme (DNA and RNA) 'blocking' activity. "The toxic effects are severe and some-

times fatal." It is often paradoxical in action and actually provokes cancer. Side-effects, all severe and numerous, are those associated with other fluorinated anti-cholinergic agents set out previously.

The physiological consequences attending this deliberate fluorination of a human metabolite illustrates the deadly peril of any fluorination process but, in particular, the fluorination of a vital metabolite (rendering it anti-metabolic in action), human electrolyte or essential nutrient such as water.

5—FLUOROACETAMIDE (Compound 1081): Another instance of a vital metabolite, 'acetamide' being converted (halogenated) to a potent anti-metabolite by fluorination.

In Britain, this product, a close chemical cousin to the stuff used to fluorinate water supplies and toothpastes, etc., "is restricted to the extermination of rats in ships and sewers".

6—HYDROFLUOROSILICIC ACID (fluorosilicic acid, hydrofluoric acid): A toxic 'waste product' of the fertiliser industry, it is now used for fluoridation of drinking water.

To quote from medical literature,

"Warning: Inhalation Hazard. Inhalation of hydrofluorosilicic acid from soaked cotton clothing could cause irreversible lung damage in one minute" due to anti-cholinergic activity.

7—SODIUM FLUORIDE: A 'waste product' of the aluminium industry and used in fluoridation of drinking water, this hazardous intractable garbage has become, by dint of promotion and sly public re-education, the active ingredient in fluorinated pesticides, fungicides, nematocides, rodenticides, anaesthetics, tranquillisers, fluorinated medications (pharmaceuticals), a number of industrial and domestic products, fluorinated dental gels, rinses and toothpastes.

In other words, sodium fluoride is so much a part of multibillion-dollar industrial and pharmaceutical income that any withdrawal for any reason by the promoters, the fluoridationists or by anyone who has supported them for whatever purpose is impossible on a financial basis, embarrassing on a reputation basis, and unthinkable on a legal basis.

8—SODIUM FLUOROACETATE (Compound 1080, as No. 5 above): This seems to be the preferred 'exterminator' for

rodents, etc., on the proclaimed grounds that it is slightly less hazardous for humans. Death by 1080 will take a little longer and be slightly less painful than death by 1081. It will, however, be no less permanent.

9—SODIUM SILICOFLUORIDE: This waste product of the fertiliser industry is used in fluoridation of drinking water. By international law it must be removed from fertiliser so that pastures, crops, sheep and cattle will not be harmed. That it is then sold for disposal through the community kidneys is not a matter of international concern. Until this more profitable use was found, it was used almost exclusively as an insecticide and rodenticide—an exterminator.

While this thesis is directed at the 'grass roots' where people are most likely to be affected (as a result of being screened from the truth), there will be some who, retaining the foolish but implanted 'reference complex', will need to verify the content. This will be a simple matter for their own or public library sources without biased prompting by the author.

That said, the author acknowledges the considerable value of the following for evi-

dential support of this thesis:

- *The Extra Pharmacopoeia*, Martindale, editions nos. 25 and 27

- *Encyclopaedia Britannica*, ed. no. 15.

- *The Unseen Hand*, by Ralph Epperson.

- *The Case Against Fluoridation*, by Lee Hardy

- *Operation Mind Control*, by Walter Bowart

- *World Without Cancer*, by G. Edward Griffin

- *The Crime and Punishment of I. G. Farben*, by Joseph Borkin

- Certain unrefuted, unchallenged correspondence, allegations and scientific papers by the author.

EPILOGUE

Since it was the parliamentary activities of Harley Rivers Dickinson, Member for South Barwon (Victoria), that prompted the research that led to writing of this thesis, it is fitting that the epilogue should refer to more representational work on the same subject (fluoridation of water supplies) by the same Member in the same Parliament.

In February 1983, Harley Dickinson placed two "questions on notice" to the

then Minister for Health, T. Roper, on behalf of his Geelong district constituents. The first question was in 10 parts and the second in eight parts, affording some excuse for delay in preparing comprehensive answers.

The questions were answered and recorded in *Hansard* of 7 April 1988 by the now-displaced T. Roper, on behalf of the present Minister for Health, D. White, more than five years after the asking—a period of waiting intolerable in a health matter, even were the questions answered in a generally responsible fashion, which they certainly were not.

Without going into the detail of questions and answers, having pointed out the extreme and perilous lassitude of the (Victorian) State Government, suffice it to remark that the answers varied from patent falsehood to inadvertent exposure of ministerial fraud; from the repeated quoting of proven fraudulent 'evidence' to accurate but selected part-quotations of literature evidence; from admissions of impropriety by the Victorian bureaucracy to baseless assertions.

Continued on page 68

Continued from page 67

CONCLUSION

This story is full of overlapping, interwoven, interlocking circumstance beyond the statistical or reasonable bounds of chance or coincidence. Pursuing each facet, each tortuous avenue from "The Dickinson Statement" as a starting point will confound and dumbfound the pursuer with still more mind-boggling information.

The histories of Cecil Rhodes, Rhodes Scholarships and its recipients, the Fabian Society, the Bilderbergers, the US Federal Reserve, the Illuminati, international banking, the House of Rothschild, and General Aniline and Film, are just a few of the 'avenues' to be explored that will make your hair 'stand on end'!

Copies of *The Dickinson Statement* are available for \$6.00 each (Australia), or \$7.00 each (airmail to NZ), from:

The Australian Fluoridation News
GPO Box 935G, Melbourne, Vic. 3001
Fax: +61 (03) 592 4544

(Subscriptions: 6 issues per year,
AUD\$15.00 for Aust/NZ; or AUD\$20.00
for overseas countries airmail)